



Patent Register

Version 13012022

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International Licensing Platform Vegetable

Patent Register – Version 13012022

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ILP Vegetable Member:	Publication Number	Change:	Page:
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Takii & Co., Ltd.	WO2017081876	Change in JP Patent Number	84



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ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2004089065](#)
EP Publication Number incl. Hyperlink: [NL1023179](#)
US or other national publication number: [US8,921,644](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Brassica plants with high levels of anticarcinogenic glucosinolates
Trait / Characteristic: high level glucosinolates
Related Vegetable (primary use): Brassica oleracea

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2007116096](#)
EP Publication Number incl. Hyperlink: [EP1998608](#)
US or other national publication number: [US8,492,615](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Brassica oleracea plants with a resistance to Mycosphaerella brassicicola
Trait / Characteristic: disease resistance
Related Vegetable (primary use): Brassica oleracea

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2008133503](#)
EP Publication Number incl. Hyperlink: [EP2139311](#)
US or other national publication number: [US8,445,752](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Brassica oleracea plants with a resistance to Albugo candida
Trait / Characteristic: disease resistance
Related Vegetable (primary use): Brassica oleracea

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2010007059](#)
EP Publication Number incl. Hyperlink: [EP2306808](#)
US or other national publication number: [US8,987,558](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Cytoplasmic male sterile leek plants
Trait / Characteristic: cytoplasmic male sterility
Related Vegetable (primary use): Allium porrum



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ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2010007059](#)
EP Publication Number incl. Hyperlink: n.a.
US or other national publication number: US8,987,558
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Cytoplasmic Male Sterile Leek Plants, Methods for the Preparation and Use Thereof, and a Cytoplasmic Male Sterile Garlic Plant
Trait / Characteristic: cytoplasmic male sterility
Related Vegetable (primary use): Allium porrum and Allium sativum

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2010089374](#)
EP Publication Number incl. Hyperlink: [EP2393349](#)
US or other national publication number: [US9,000,258](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Xanthomonas campestris pv. campestris resistant brassica plant and preparation thereof
Trait / Characteristic: disease resistance
Related Vegetable (primary use): Brassica oleracea

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2012072584](#)
EP Publication Number incl. Hyperlink: [EP2645849](#)
US or other national publication number: [US9,516,823](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Plasmodiophora brassicae-resistant brassica plant, seeds and plant parts thereof and methods for obtaining the same
Trait / Characteristic: disease resistance
Related Vegetable (primary use): Brassica oleracea



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ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2014079498](#)
EP Publication Number incl. Hyperlink: [EP2922958](#)
US or other national publication number: [US10,021,848](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Methods for providing cytoplasmic male sterile Petroselinum crispum plants, cytoplasmic male sterile petroselinum crispum plants and seeds and plant parts thereof
Trait / Characteristic: cytoplasmic male sterility
Related Vegetable (primary use): Petroselinum crispum

ILP Member: **Bejo Zaden BV**
PCT Publication Number: N/A
EP Publication Number incl. Hyperlink: N/A
US or other national publication number: [US20200029523](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Lactuca sativa with Bremia lactucae (Downy Mildew) resistance
Trait / Characteristic: Bremia resistance
Related Vegetable (primary use): Lactuca sativa

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2015022023](#)
EP Publication Number incl. Hyperlink: [EP3032941](#)
US or other national publication number: [US10,015,942](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Cytoplasmic male sterile Cichorium plants
Trait / Characteristic: cytoplasmic male sterility
Related Vegetable (primary use): Cichorium intybus var. foliosum, C. intybus var. sativum and and C. endivia

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2017097345](#)
EP Publication Number incl. Hyperlink: [EP15816689](#)
US or other national publication number: [US10,750,700](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Sprouting broccoli with one or more improved phenotypes
Trait / Characteristic: flowering time/habitus
Related Vegetable (primary use): Brassica oleracea

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Version 13012022

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2017144077](#)
EP Publication Number incl. Hyperlink: [EP16708618](#)
US or other national publication number: [US10,704,058](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Powdery mildew resistance genes in carrot
Trait / Characteristic: disease resistance
Related Vegetable (primary use): Daucus carota

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2017207022](#)
EP Publication Number incl. Hyperlink: [EP3462845](#)
US or other national publication number: [US11,071,270](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: [Pericarp free Spinacia oleracea seeds](#)
Trait / Characteristic: seed habitus
Related Vegetable (primary use): Spinacia oleracea

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2018158417](#)
EP Publication Number incl. Hyperlink: [EP18711242](#)
US or other national publication number: [US16,487,461](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Septoria resistance in celery
Trait / Characteristic: disease resistance
Related Vegetable (primary use): Apium graveolens

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2018134236](#)
EP Publication Number incl. Hyperlink: [EP3351091](#)
US or other national publication number: [US20200260676](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Interspecific hybrid plant resulting from a cross between an Allium ampeloprasum plant with an Allium sativum plant
Trait / Characteristic: content matters/flavor
Related Vegetable (primary use): Allium ampeloprasum



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ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2020239215](#)
EP Publication Number incl. Hyperlink: [EP2019063959](#)
US or other national publication number: n.a.
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Downy mildew resistant spinach plant
Trait / Characteristic: Disease resistance
Related Vegetable (primary use): Spinacia oleracea

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2021004611](#)
EP Publication Number incl. Hyperlink: [EP19737089](#)
US or other national publication number: n.a.
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: TOMATO SPOTTED WILT VIRUS RESISTANCE IN CICHORIUM
Trait / Characteristic: disease resistance
Related Vegetable (primary use): Cichorium

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2021/073744](#)
EP Publication Number incl. Hyperlink: N/A
US or other national publication number: N/A
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Mycosphaerella brassicicola resistant brassica oleracea plants
Trait / Characteristic: disease resistance
Related Vegetable (primary use): Brassica oleracea

ILP Member: **Bejo Zaden BV**
PCT Publication Number: N/A
EP Publication Number incl. Hyperlink: [EP3808170](#)
US or other national publication number: N/A
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Lactuca sativa resistance to bremia lactucae
Trait / Characteristic: disease resistance
Related Vegetable (primary use): Lactuca sativa



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ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2008003783
EP Publication Number incl. Hyperlink: [EP2041289B1](#)
US or other national publication number: n/a
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Resistance to Powdery mildew and absence of necrosis in Cucumis sativus
Trait / Characteristic: Powdery mildew resistance / absence of necrosis
Related Vegetable (primary use): cucumber

ILP Member: Enza Zaden Beheer B.V.
PCT Publication Number: WO2011003440
EP Publication Number incl. Hyperlink: [EP2453730A1](#)
US or other national publication number: US 8,779,241B2 (US2012137388)
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Cucumber vein yellowing virus (CVYV) resistant cucumber plants (Cucumis sativus L.).
Trait / Characteristic: CVYV-CGMMV resistance
Related Vegetable (primary use): cucumber

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2009086850
EP Publication Number incl. Hyperlink: [EP2240598B1](#)
US or other national publication number: **US 8,766,041B2 (US2010299786)**
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Cucumber genetically linked to Tobamovirus resistance in cucumber and the use thereof
Trait / Characteristic: CGMMV resistance
Related Vegetable (primary use): cucumber

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2007042070
EP Publication Number incl. Hyperlink: [EP1931193B1](#)
US or other national publication number: US 8,247,645B2 (US2010170001)
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Method for providing cucumber fruits with an extended shelf life
Trait / Characteristic: Shelf life
Related Vegetable (primary use): cucumber



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ILP Member:	Enza Zaden Beheer B.V.
PCT Publication Number:	WO0063432
EP Publication Number incl. Hyperlink:	EP1179089B1
US or other national publication number:	US 6,903,249B2 (US2004226060) US 7,501,555B2 (US2006005272) US 7,790,948B2 (US2009271890)
Owner – ILP Member (Applicant, if different):	Enza Zaden Beheer B.V.
PCT Patent Title:	Method for obtaining a plant with a lasting resistance to a pathogen
Trait / Characteristic:	Bremia resistance
Related Vegetable (primary use):	lettuce

ILP Member:	Enza Zaden Beheer B.V.
PCT Publication Number:	WO2010025747
EP Publication Number incl. Hyperlink:	EP2330886A1
US or other national publication number:	US 8,962,931B2 (US2011214202)
Owner – ILP Member (Applicant, if different):	Enza Zaden Beheer B.V.
PCT Patent Title:	CVYV-resistant plants of the species Cucumis melo
Trait / Characteristic:	CVYV resistance
Related Vegetable (primary use):	melon

ILP Member:	Enza Zaden Beheer B.V.
PCT Publication Number:	WO2004089067
EP Publication Number incl. Hyperlink:	EP1613145A1
US or other national publication number:	US 9,474,220B2
Owner – ILP Member (Applicant, if different):	Enza Zaden Beheer B.V.
PCT Patent Title:	Method for obtaining fruits of the genus capsicum with improved taste and enhanced nutritional value
Trait / Characteristic:	Taste / vitamin C
Related Vegetable (primary use):	pepper



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ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2007038980
EP Publication Number incl. Hyperlink: [EP1937058A1](#)
US or other national publication number: US 8,022,278B2 (US2009055946)
US 8,618,370B2 (US2012066797)
US 9,320,215B2 (US2014223611)
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Method for transferring one or more genetic traits from a plant of the purple-flowered Capsicum species to a plant of the white-flowered Capsicum species
Trait / Characteristic: Xanthomonas resistance
Related Vegetable (primary use): pepper

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: n/a
EP Publication Number incl. Hyperlink: [NL2009231](#)
US or other national publication number: n/a
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Powdery mildew resistant plants of the genus Cucurbita
Trait / Characteristic: Powdery mildew resistance
Related Vegetable (primary use): Cucurbita

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2009021545
EP Publication Number incl. Hyperlink: [EP2190999B1](#)
US or other national publication number: US 9,157,093B2 (US2010212046)
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Promotor sequence and gene construct for increasing crop yield in tomato
Trait / Characteristic: Plant architecture
Related Vegetable (primary use): Tomato



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ILP Member:	Enza Zaden Beheer B.V.
PCT Publication Number:	n/a
EP Publication Number incl. Hyperlink:	NL2009232
US or other national publication number:	n/a
Owner – ILP Member (Applicant, if different):	Enza Zaden Beheer B.V.
PCT Patent Title:	Leaf miner fly resistant plants of the genus Cucumis
Trait / Characteristic:	Leaf miner fly resistance
Related Vegetable (primary use):	Melon

ILP Member:	Enza Zaden Beheer B.V.
PCT Publication Number:	WO2015136065
EP Publication Number incl. Hyperlink:	EP3116899A1
US or other national publication number:	US20170107529A1 = 10,564,201B1
Owner – ILP Member (Applicant, if different):	Enza Zaden Beheer B.V.
PCT Patent Title:	Solanum lycopersicum plants with increased fruit yield
Trait / Characteristic:	Plant architecture
Related Vegetable (primary use):	Tomato

ILP Member:	Enza Zaden Beheer B.V.
PCT Publication Number:	WO2013017293
EP Publication Number incl. Hyperlink:	EP2681233B1
US or other national publication number:	US 9,493,787; US20170016020 = 10,273,500B1
Owner – ILP Member (Applicant, if different):	Enza Zaden Beheer B.V.
PCT Patent Title:	Powdery mildew resistance providing genes in Cucumis sativus
Trait / Characteristic:	Powdery mildew resistance
Related Vegetable (primary use):	Cucumber

ILP Member:	Enza Zaden Beheer B.V.
PCT Publication Number:	WO2012116938A1
EP Publication Number incl. Hyperlink:	EP2681234B1
US or other national publication number:	9,688,998B1; 10,093,944B1
Owner – ILP Member (Applicant, if different):	Enza Zaden Beheer B.V.
PCT Patent Title:	Powdery mildew resistance providing genes in Cucumis melo
Trait / Characteristic:	Powdery mildew resistance
Related Vegetable (primary use):	Melon



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ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2015106796
EP Publication Number incl. Hyperlink: [EP3094722B1](#)
US or other national publication number: [US 2016333370-A1](#) US2019309319
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Phytophthora resistant plants belonging to the Solanaceae family
Trait / Characteristic: Phytophthora resistance
Related Vegetable (primary use): Tomato

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2015193418
EP Publication Number incl. Hyperlink: [WO2015193418 = EP3167051B1](#)
US or other national publication number: [US20170314039A1](#); US2020332313
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Phytophthora resistant plants belonging to the Solanaceae family
Trait / Characteristic: Phytophthora resistance
Related Vegetable (primary use): Tomato, sweet pepper

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2007051483
EP Publication Number incl. Hyperlink: [EP1957655B1](#)
US or other national publication number: EP1957655
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Disease resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Lettuce, spinach, Cucumber, Brassica, Onion, tomato, Cucurbitaceae

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2007051483
EP Publication Number incl. Hyperlink: [US8237019B2](#)
US or other national publication number: US8237019
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Disease resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Lettuce



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Version 13012022

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2007051483
EP Publication Number incl. Hyperlink: [US8354570B2](#)
US or other national publication number: US8354570
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Disease resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Spinach

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2007051483
EP Publication Number incl. Hyperlink: [US8575432B2](#)
US or other national publication number: US8575432
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Disease resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Cucumber, tomato

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2008092659
EP Publication Number incl. Hyperlink: [EP2115147B1](#)
US or other national publication number: US8742207
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Disease resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Lettuce

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2008092659
EP Publication Number incl. Hyperlink: [EP2455474B1](#)
US or other national publication number: US9546373
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Disease resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Cucumber



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Version 13012022

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2008092659
EP Publication Number incl. Hyperlink: [EP455473B1](#)
US or other national publication number: US9121029
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Disease resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Spinach

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2008092659
EP Publication Number incl. Hyperlink: [EP2455479B1](#)
US or other national publication number: US2016298131
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Disease resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Tomato

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2008092659
EP Publication Number incl. Hyperlink: [EP2455477B1](#)
US or other national publication number: EP2455477
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Disease resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Cabbage

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2008092659
EP Publication Number incl. Hyperlink: [EP2455475A1](#)
US or other national publication number: EP2455475
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Disease resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Melon



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ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2008092659
EP Publication Number incl. Hyperlink: [EP2455476B1](#)
US or other national publication number: EP2455476
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Disease resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Onion

ILP Member: Enza Zaden Beheer B.V.
PCT Publication Number: WO2000038500
EP Publication Number incl. Hyperlink: n/a
US or other national publication number: [US6784345B1](#)
Owner – ILP Member (Applicant, if different): R&D AG, Inc.
PCT Patent Title: Heat tolerant broccoli
Trait / Characteristic: Heat tolerance
Related Vegetable (primary use): Broccoli

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: [WO2016012346A1](#)
EP Publication Number incl. Hyperlink: n/a
US or other national publication number: EP3193584 / US 20170215361
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Stay green cucumber plant
Trait / Characteristic: Shelf life
Related Vegetable (primary use): Cucumber

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: n/a
EP Publication Number incl. Hyperlink: n/a
US or other national publication number: [US20200093085A1](#)
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Red-yellow striped peppers
Trait / Characteristic: Fruit colour
Related Vegetable (primary use): Pepper



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Version 13012022

ILP Member:	Enza Zaden Beheer B.V.
PCT Publication Number:	n/a
EP Publication Number incl. Hyperlink:	
US or other national publication number:	<u>US2019191652A1 = 10,874,071B1; US2021112742</u>
Owner – ILP Member (Applicant, if different):	Enza Zaden Beheer B.V.
PCT Patent Title:	Machine harvestable iceberg lettuce
Trait / Characteristic:	Plant architecture
Related Vegetable (primary use):	Lettuce

ILP Member:	Enza Zaden Beheer B.V.
PCT Publication Number:	WO2020035145
EP Publication Number incl. Hyperlink:	EP3836780
US or other national publication number:	<u>US2021238626A1</u>
Owner – ILP Member (Applicant, if different):	Enza Zaden Beheer B.V.
PCT Patent Title:	Resistance gene and lettuce plant resistance to downy mildew
Trait / Characteristic:	Downy mildew resistance
Related Vegetable (primary use):	Lettuce

ILP Member:	Enza Zaden Beheer B.V.
PCT Publication Number:	WO2020126500A1
EP Publication Number incl. Hyperlink:	<u>EP3898986</u>
US or other national publication number:	n/a
Owner – ILP Member (Applicant, if different):	Enza Zaden Beheer B.V.
PCT Patent Title:	Lettuce plant resistant to downy mildew and resistance gene
Trait / Characteristic:	Downy mildew resistance
Related Vegetable (primary use):	Lettuce

ILP Member:	Enza Zaden Beheer B.V.
PCT Publication Number:	<u>WO2020125925A1</u>
EP Publication Number incl. Hyperlink:	n/a
US or other national publication number:	n/a
Owner – ILP Member (Applicant, if different):	Enza Zaden Beheer B.V.
PCT Patent Title:	Machine harvestable iceberg lettuce
Trait / Characteristic:	Plant architecture
Related Vegetable (primary use):	Lettuce



Patent Register

Version 13012022

ILP Member:	Enza Zaden Beheer B.V.
PCT Publication Number:	<u>WO2020125928A1</u>
EP Publication Number incl. Hyperlink:	n/a
US or other national publication number:	n/a
Owner – ILP Member (Applicant, if different):	Enza Zaden Beheer B.V.
PCT Patent Title:	Lettuce plant resistant to downy mildew and resistance gene
Trait / Characteristic:	Downy mildew resistance
Related Vegetable (primary use):	Lettuce

ILP Member:	Enza Zaden Beheer B.V.
PCT Publication Number:	WO2020239572
EP Publication Number incl. Hyperlink:	<u>WO2020239572A1</u>
US or other national publication number:	
Owner – ILP Member (Applicant, if different):	Enza Zaden Beheer B.V.
PCT Patent Title:	Downy mildew resistant spinach and genes conferring resistance to Downy mildew
Trait / Characteristic:	Downy mildew resistance
Related Vegetable (primary use):	Spinach

ILP Member:	Enza Zaden Beheer B.V.
PCT Publication Number:	WO2020239186
EP Publication Number incl. Hyperlink:	<u>WO2020239186A1</u>
US or other national publication number:	
Owner – ILP Member (Applicant, if different):	Enza Zaden Beheer B.V.
PCT Patent Title:	Downy mildew resistant melon plants
Trait / Characteristic:	Downy mildew resistance
Related Vegetable (primary use):	Melon

ILP Member:	Enza Zaden Beheer B.V.
PCT Publication Number:	PCT/EP2018/062999 = WO2019219200
EP Publication Number incl. Hyperlink:	<u>EP3793347</u>
US or other national publication number:	
Owner – ILP Member (Applicant, if different):	
PCT Patent Title:	A Solanaceae plant rich in anthocyanins concentration
Trait / Characteristic:	Reduced fading
Related Vegetable (primary use):	Solanaceae



Patent Register

Version 13012022

ILP Member:	Enza Zaden Beheer B.V.
PCT Publication Number:	WO2020148021
EP Publication Number incl. Hyperlink:	EP3911147
US or other national publication number:	US 11,168,336
Owner – ILP Member (Applicant, if different):	Enza Zaden Beheer B.V.
PCT Patent Title:	Tomato plant resistant to Tomato Brown Rugose Fruit Virus
Trait / Characteristic:	Resistance to TBRFV
Related Vegetable (primary use):	Tomato



Patent Register

Version 13012022

ILP Member:	Keygene N.V.
PCT Publication Number:	WO2013/122471
EP Publication Number incl. Hyperlink:	EP2814966
US or other national publication number:	AU2013221024, BR112014019593, CA2861106, CN104160030, IN345697, JP6280873, MX369883, UA115442, US10308952, US10961545
Owner – ILP Member (Applicant, if different):	Keygene N.V.
PCT Patent Title:	Improving drought resistance in plants: upl4
Trait / Characteristic:	Drought resistance
Related Vegetable (primary use):	Tomato, cabbage

ILP Member:	Keygene N.V.
PCT Publication Number:	WO2013/122473
EP Publication Number incl. Hyperlink:	EP2814968
US or other national publication number:	CA2861039, AU2013221026, BR112014019601, IN370090, CN104204208, EP2814968, JP6268104, MX369563, UA115780, US9909138, US10738319
Owner – ILP Member (Applicant, if different):	Keygene N.V.
PCT Patent Title:	Improving drought resistance in plants: pectinesterase
Trait / Characteristic:	Drought resistance
Related Vegetable (primary use):	Tomato, cabbage

ILP Member:	Keygene N.V.
PCT Publication Number:	WO2013/122472
EP Publication Number incl. Hyperlink:	EP2814967
US or other national publication number:	AU2013221025, BR112014019586, CA2861032, EP2814967, IN369655, JP6280874, MX369592, UA115441
Owner – ILP Member (Applicant, if different):	Keygene N.V.
PCT Patent Title:	Improving drought resistance in plants: upl3
Trait / Characteristic:	Drought resistance
Related Vegetable (primary use):	Tomato, cabbage



Patent Register

Version 13012022

ILP Member:	Keygene N.V.
PCT Publication Number:	WO2012/165961
EP Publication Number incl. Hyperlink:	EP2714901
US or other national publication number:	AU2012263060, CA2837664, BR112013030724, EP2714901, IL229707, IN356582, JP6215196, US9090888, US9234193, US9834784
Owner – ILP Member (Applicant, if different):	Keygene N.V.
PCT Patent Title:	Pest resistant plants
Trait / Characteristic:	Pest resistance
Related Vegetable (primary use):	Tomato

ILP Member:	Keygene N.V.
PCT Publication Number:	WO2017/217852
EP Publication Number incl. Hyperlink:	EP3472188
US or other national publication number:	EP3472188, IL263386, IN201817047563, JP2019523643, KR10-2019-0018642, MX2018015364 US11060100
Owner – ILP Member (Applicant, if different):	Keygene N.V.
PCT Patent Title:	Nematode resistance
Trait / Characteristic:	Nematode resistance
Related Vegetable (primary use):	Tomato

ILP Member:	Keygene N.V.
PCT Publication Number:	WO2019/185945
EP Publication Number incl. Hyperlink:	EP3772908
US or other national publication number:	AU2019246415, CN112312762, CR20200449, EP3772908, GT-A2020000150, IL277310, JP2021516955, KR10-2020-0138725, US20210024951
Owner – ILP Member (Applicant, if different):	Keygene N.V.
PCT Patent Title:	QTLs for powdery mildew resistance in melon
Trait / Characteristic:	Powdery mildew resistance
Related Vegetable (primary use):	Melon



Patent Register

Version 13012022

ILP Member:	Keygene N.V.
PCT Publication Number:	WO2019/122374
EP Publication Number incl. Hyperlink:	EP3728298
US or other national publication number:	BR112020012488, CN111712513, EP3728298, IL275481, IN202017024656, JP2021507691, KR10-2020-0111696, MX/a/2020/006589, US20200392530, TH2001003549
Owner – ILP Member (Applicant, if different):	Keygene N.V.
PCT Patent Title:	Geminivirus resistant plants
Trait / Characteristic:	Geminivirus resistance
Related Vegetable (primary use):	Pepper

ILP Member:	Keygene N.V.
PCT Publication Number:	WO2021/122982
EP Publication Number incl. Hyperlink:	
US or other national publication number:	
Owner – ILP Member (Applicant, if different):	Keygene N.V., Stichting Wageningen Research
PCT Patent Title:	Germacrene a synthase mutants
Trait / Characteristic:	Reduced bitter compounds, increased squalene and phenolic compounds
Related Vegetable (primary use):	Chicory



Patent Register

Version 13012022

ILP Member: **KWS Saat & Co. KGaA**
PCT Publication Number: [WO2017081187A1](#)
EP Publication Number incl. Hyperlink:
US or other national publication number: US20170127641A1 / US10,226,014
US20180255739A1
Owner – ILP Member (Applicant, if different): KWS Saat & Co. KGaA (applicant: Pop Vriend)
PCT Patent Title: Peronospora resistance in spinacia sp
Trait / Characteristic: Downey mildew resistance
Related Vegetable (primary use): Spinach

ILP Member: **KWS Saat & Co. KGaA**
PCT Publication Number: WO2017081189A1
EP Publication Number incl. Hyperlink: US20170127642A1 / US 10,226,015
US20180255739A1
US or other national publication number: US2017/0127642
AU2016354080
Owner – ILP Member (Applicant, if different): KWS Saat & Co. KGaA (applicant: Pop Vriend)
PCT Patent Title: Peronospora resistance in spinacia sp
Trait / Characteristic: Downey mildew resistance
Related Vegetable (primary use): Spinach

ILP Member: **KWS Saat & Co. KGaA**
PCT Publication Number: [WO2014202044A1](#)
EP Publication Number incl. Hyperlink: [EP 3 492 595](#)
[EP3011037](#)
US or other national publication number: CA 2,915,902 A1, CN 201480045665.2
DE 10 2013 010 026 A1, EA 201690011
NZ 754318, NZ 715967
UA a201512799, UA a201907608
US 10,017,781, US 10,731,175
Owner – ILP Member (Applicant, if different): KWS SAAT SE / KWS SAAT SE & Co. KGaA
PCT Patent Title: Rhizomania-resistant gene
Trait / Characteristic: Rhizomania resistance
Related Vegetable (primary use): Beta vulgaris subsp. Vulgaris (red beet, swiss chard)



Patent Register

Version 13012022

ILP Member: **KWS Saat & Co. KGaA**
PCT Publication Number: [WO2018029300A1](#)
EP Publication Number incl. Hyperlink: [EP 3 282 016](#),
[EP 3 497 223](#)
US or other national publication number: US 2019/0284570 A1, CA 3,038,356 A1,
CL 2019-300, CN 109844120 A, EA 201990468,
EG 195/2019, IR 139750140003009766,
JP 2019-507231, NZ 751447, UA a201901986,
ZA 2019/00711
Owner – ILP Member (Applicant, if different): KWS SAAT SE / KWS SAAT SE & Co. KGaA
PCT Patent Title: Resistance gene to Rhizomania
Trait / Characteristic: Rhizomania resistance
Related Vegetable (primary use): Beta vulgaris subsp. Vulgaris (red beet, swiss chard)

ILP Member: **KWS Saat & Co. KGaA**
PCT Publication Number: WO2021093943A1
EP Publication Number incl. Hyperlink: [EP 3 567 111](#)
US or other national publication number:
Owner – ILP Member (Applicant, if different): KWS SAAT SE / KWS SAAT SE & Co. KGaA
PCT Patent Title: Gene for resistance to a pathogen of the genus
Heterodera
Trait / Characteristic: Heterodera resistance
Related Vegetable (primary use): Beta vulgaris subsp. Vulgaris (red beet, swiss chard)

ILP Member: **KWS Saat & Co. KGaA**
PCT Publication Number: [WO2020053313A1](#)
EP Publication Number incl. Hyperlink: [EP3623379](#)
EP3849999
US or other national publication number: CA 3,112,387
CL 2021-578
CN 201980073995.5
JP 2021-513442
NZ 773464
US 17/274,692
Owner – ILP Member (Applicant, if different): KWS SAAT SE / KWS SAAT SE & Co. KGaA
PCT Patent Title: Beet Necrotic Yellow Vein Virus (BNYVV)-resistance
modifying gene
Trait / Characteristic:
Related Vegetable (primary use): Red beet, mangolds, Swiss chard, spinach



Patent Register

Version 13012022

ILP Member: **KWS Saat & Co. KGaA**
PCT Publication Number: [WO2020169178A1](#)
EP Publication Number incl. Hyperlink: [EP3696188](#)
EP 19704637.8
US or other national publication number: US 10,767,191 B1, US 2020263194 A1,
US 20200392529 A1, US 17/429,674,
AU 2019430875, CA 3,129,973, CL 2021-2115,
EA 202191828, NZ 778643, UA a 2021 04837
Owner – ILP Member (Applicant, if different): KWS SAAT SE / KWS SAAT SE & Co. KGaA
PCT Patent Title: Gene for resistance to plant disease
Trait / Characteristic: Cercospora tolerance
Related Vegetable (primary use): Beta vulgaris subsp. vulgaris (mangold, swiss chard)

ILP Member: **KWS Saat & Co. KGaA**
PCT Publication Number: [WO2017178541A1](#)
EP Publication Number incl. Hyperlink: [EP3443103](#)
US or other national publication number: DE102016106656.7, DE102016015741.0,
CL2018-2880, CN201780036575.0, EA201892288,
UA a2018 11076, US20190194685A1
Owner – ILP Member (Applicant, if different): KWS SAAT SE / KWS SAAT SE & Co. KGaA
PCT Patent Title: Nucleus-Encoded Male Sterility Through Mutation in
Cytochrome P450 Oxidase
Trait / Characteristic: Male sterility
Related Vegetable (primary use): Beta vulgaris subsp. vulgaris (red beet, swiss chard)

ILP Member: **KWS Saat & Co. KGaA**
PCT Publication Number: n/a
EP Publication Number incl. Hyperlink: n/a
US or other national publication number: US20210095306
Owner – ILP Member (Applicant, if different): KWS SAAT SE & Co. KGaA (applicant: Pop Vriend)
PCT Patent Title: Spinacia oleraceae plant resistant to Albugo
occidentalis and Peronospora farinose
Trait / Characteristic: White rust and downy mildew resistance
Related Vegetable (primary use): Spinach



Patent Register

Version 13012022

ILP Member: **Limagrain**
PCT Publication Number:
EP Publication Number incl. Hyperlink:
US or other national publication number: [US2015101072](#)
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: Combining Fusarium 2 resistance gene (FON2) and red flesh in watermelon
Trait / Characteristic: Fusarium resistance
Related Vegetable (primary use): Watermelon

ILP Member: **Limagrain**
PCT Publication Number: WO2006060425
EP Publication Number incl. Hyperlink: [EP1816908](#)
US or other national publication number: US7314979
US8034999
Owner – ILP Member (Applicant, if different): HM.Clause Inc. (ex. Harris Moran) - Vilmorin & Cie
PCT Patent Title: Multibranching watermelon plant and method of producing
Trait / Characteristic: Plant Characteristics
Related Vegetable (primary use): Watermelon

ILP Member: **Limagrain**
PCT Publication Number: WO2006061256 (A1)
EP Publication Number incl. Hyperlink: [EP1819217](#)
US or other national publication number: US8779234
US8119856
Owner – ILP Member (Applicant, if different): Hazera Seeds B.V (ex.Nickerson Zwaan) - Vilmorin & Cie
PCT Patent Title: Resistance to downy mildew of onion caused by the fungus peronospora destructor
Trait / Characteristic: Fungus Resistance
Related Vegetable (primary use): Onion



Patent Register

Version 13012022

ILP Member:	Limagrain
PCT Publication Number:	
EP Publication Number incl. Hyperlink:	No number - only LINK
US or other national publication number:	
Owner – ILP Member (Applicant, if different):	HM.Clause SA. (ex. Clause) - Vilmorin & Cie
PCT Patent Title:	Plant of Eruca genus, which is a carrier of a cytoplasmic male sterility
Trait / Characteristic:	Plant Characteristics
Related Vegetable (primary use):	Eruca sativa
<hr/>	
ILP Member:	Limagrain
PCT Publication Number:	
EP Publication Number incl. Hyperlink:	EP2403950
US or other national publication number:	US9,133,476 US2015368664 (A1)
Owner – ILP Member (Applicant, if different):	HM.Clause SA. (ex. Clause) - Vilmorin & Cie
PCT Patent Title:	Plant of genus diplotaxis having male cytoplasmic sterility
Trait / Characteristic:	Plant Characteristics
Related Vegetable (primary use):	diplotaxis tenuifolia
<hr/>	
ILP Member:	Limagrain
PCT Publication Number:	
EP Publication Number incl. Hyperlink:	No number - only LINK
US or other national publication number:	US8063271
Owner – ILP Member (Applicant, if different):	Hazera Seeds B.V (ex.Nickerson Zwaan) - Vilmorin & Cie
PCT Patent Title:	Inbred Radish line NIZ-AC2
Trait / Characteristic:	Oomycete resistance
Related Vegetable (primary use):	Radish
<hr/>	
ILP Member:	Limagrain
PCT Publication Number:	WO2011115486
EP Publication Number incl. Hyperlink:	EP2547196
US or other national publication number:	US 9,510,527
Owner – ILP Member (Applicant, if different):	Hazera Seeds B.V (ex.Nickerson Zwaan) - Vilmorin & Cie
PCT Patent Title:	Male Sterile leek plant
Trait / Characteristic:	Plant Characteristics
Related Vegetable (primary use):	Leek



Patent Register

Version 13012022

ILP Member: **Limagrain**
PCT Publication Number: WO2012009323
EP Publication Number incl. Hyperlink: [EP2592924](#)
US or other national publication number: US8609928
US8669423
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: Squash Leaf Curl Virus resistance in cucurbits
Trait / Characteristic: Virus Resistance
Related Vegetable (primary use):

ILP Member: **Limagrain**
PCT Publication Number: WO2012076980
EP Publication Number incl. Hyperlink: [EP2648500](#)
US or other national publication number: US8766054
Owner – ILP Member (Applicant, if different): HM.Clause SA. (ex. Clause) - Vilmorin & Cie
PCT Patent Title: Phytophthora resistance in sweet pepper
Trait / Characteristic: Oomycete resistance
Related Vegetable (primary use): Pepper

ILP Member: **Limagrain**
PCT Publication Number: WO2013156958
EP Publication Number incl. Hyperlink: [EP2838344](#)
US or other national publication number: US2015096076
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: High yield tomato plants
Trait / Characteristic: Plant Characteristics
Related Vegetable (primary use): Tomato

ILP Member: **Limagrain**
PCT Publication Number: WO2014128268
EP Publication Number incl. Hyperlink: [EP2770059](#)
US or other national publication number: US2014283191
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: Resistance to arthropod pest in tomatoes
Trait / Characteristic: Insect resistance
Related Vegetable (primary use): Tomato



Patent Register

Version 13012022

ILP Member: **Limagrain**
PCT Publication Number: WO2014145514
EP Publication Number incl. Hyperlink: [No number - only LINK](#)
US or other national publication number: US2016029583
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: Machine Harvestable Pepper
Trait / Characteristic: Plant Characteristics
Related Vegetable (primary use): Pepper

ILP Member: **Limagrain**
PCT Publication Number: WO2015124753 (A1)
EP Publication Number incl. Hyperlink: [EP2910114](#)
US or other national publication number:
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: Resistance to geminiviruses in watermelons
Trait / Characteristic: Virus Resistance
Related Vegetable (primary use): Watermelon

ILP Member: **Limagrain**
PCT Publication Number: [WO2015136085](#)
EP Publication Number incl. Hyperlink: [EP3116304](#)
US or other national publication number: US10440914 (B2)
US2020000054
Owner – ILP Member (Applicant, if different): Rijk Zwaan, Nunhems B.V., Limagrain
PCT Patent Title: Bremia lactucae resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Lettuce

ILP Member: **Limagrain**
PCT Publication Number:
EP Publication Number incl. Hyperlink: [No number - only LINK](#)
US or other national publication number: [US8669413 \(B2\)](#)
Owner – ILP Member (Applicant, if different): HM. Clause Inc
PCT Patent Title: BREEDING AND SELECTION FOR RESISTANCE TO MELON SEVERE MOSAIC VIRUS (MeSMV)
Trait / Characteristic: Resistance to Mesnv
Related Vegetable (primary use): Melon



Patent Register

Version 13012022

ILP Member: **Limagrain**
PCT Publication Number: WO2004095914 (A2)
EP Publication Number incl. Hyperlink: [EP1619941 \(A2\)](#)
US or other national publication number: US2006260001 (A1)
Owner – ILP Member (Applicant, if different): Vilmorin S.A.
PCT Patent Title: METHOD FOR OBTAINING RECOMBINANT PLANTS OF THE CICHORIUM GENUS AND PLANTS THUS OBTAINED
Trait / Characteristic: Hybrid chicory
Related Vegetable (primary use): Endivia

ILP Member: **Limagrain**
PCT Publication Number: WO2012131262 (A1)
EP Publication Number incl. Hyperlink: [EP2690945 \(A1\)](#)
US or other national publication number: [US2014096289 \(A1\)](#)
Owner – ILP Member (Applicant, if different): Vilmorin S.A.
PCT Patent Title: CAPSICUM ROOTSTOCK.
Trait / Characteristic: Rootstock
Related Vegetable (primary use): Pepper

ILP Member: **Limagrain**
PCT Publication Number: WO2008132310
EP Publication Number incl. Hyperlink: [EP2114126](#)
US or other national publication number: US8716551
Owner – ILP Member (Applicant, if different): Vilmorin S.A.
PCT Patent Title: Production of hybrid lactuca sativa seeds
Trait / Characteristic: Hybrid lettuce production system
Related Vegetable (primary use): Lettuce

ILP Member: **Limagrain**
PCT Publication Number: WO2010010096 (A2)
EP Publication Number incl. Hyperlink: [No number - only LINK](#)
US or other national publication number: US8969658 (B2)
Owner – ILP Member (Applicant, if different): HM.Clause S.A.
PCT Patent Title: METHOD FOR PRODUCING HAPLOID, DOUBLED HAPLOID AND/OR DIHAPLOID PLANTS BY GYNOGENESIS
Trait / Characteristic: Dihaploid plants
Related Vegetable (primary use): Squash



Patent Register

Version 13012022

ILP Member: **Limagrain**
PCT Publication Number:
EP Publication Number incl. Hyperlink:
US or other national publication number: [US10039246 \(B2\)](#)
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: Machine Harvestable Tomatillo
Trait / Characteristic: Plant Characteristics
Related Vegetable (primary use): Tomatillo

ILP Member: **Limagrain**
PCT Publication Number: WO2017025627
EP Publication Number incl. Hyperlink: [EP3334273 \(A1\)](#)
US or other national publication number:
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: Resistance to Australian Variant of A. Candida race 9 in broccoli

Trait / Characteristic:
Related Vegetable (primary use):

ILP Member: **Limagrain**
PCT Publication Number: WO2017017266
EP Publication Number incl. Hyperlink: [EP3329006 \(A1\)](#)
US or other national publication number:
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: Multileaf lettuce of the batavia genus
Trait / Characteristic:
Related Vegetable (primary use):

ILP Member: **Limagrain**
PCT Publication Number: WO2017081205
EP Publication Number incl. Hyperlink: [EP3373723 \(A1\)](#)
US or other national publication number: US20190380292 A1
US11039588 B2
US20210274733 A1
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: Resistance to ToLCNDv in Squash
Trait / Characteristic: Virus Resistance
Related Vegetable (primary use): Squash



Patent Register

Version 13012022

ILP Member: **Limagrain**
PCT Publication Number: WO2017174727
EP Publication Number incl. Hyperlink: [EP3228186 \(A1\)](#)
[EP3439462 \(A1\)](#)
US or other national publication number: US20200299787
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: INCREASED YIELD AND AMOUNT OF SOLUBLE SUGARS ALLOCATED TO FRUITS IN TOMATO PLANTS
Trait / Characteristic: Plant Characteristics
Related Vegetable (primary use): Tomato

ILP Member: **Limagrain**
PCT Publication Number: WO2017114848
EP Publication Number incl. Hyperlink: [EP3187040 \(A1\)](#)
[EP3397048 \(A1\)](#)
US or other national publication number: US20200178485
US10939628B
US20210195859 (A1)
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: RESISTANCE TO TOLCNDV IN MELONS
Trait / Characteristic: Virus Resistance
Related Vegetable (primary use): Melon

ILP Member: **Limagrain**
PCT Publication Number: WO2018219941 (A1)
EP Publication Number incl. Hyperlink: [EP3409106 \(A1\)](#)
[EP3629711 \(A1\)](#)
US or other national publication number: US20200077614
US20210171975
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: TOLERANCE IN PLANTS OF SOLANUM LYCOPERSICUM TO THE TOBAMOVIRUS TOMATO BROWN RUGOSE FRUIT VIRUS (TBRFV)
Trait / Characteristic: Virus Resistance
Related Vegetable (primary use): Tomato



Patent Register

Version 13012022

ILP Member: **Limagrain**
PCT Publication Number: WO2018220136
EP Publication Number incl. Hyperlink: [EP3409104 \(A1\)](#)
[EP3629707 \(A1\)](#)
US or other national publication number: US20210123070
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: TOMATO PLANT RESISTANT TO TOMATO YELLOW
LEAF CURL VIRUS, POWDERY MILDEW, AND
NEMATODES
Trait / Characteristic: Virus Resistance
Related Vegetable (primary use): Tomato

ILP Member: **Limagrain**
PCT Publication Number: WO2020030804
EP Publication Number incl. Hyperlink: [EP3833181 A1](#)
US or other national publication number: **US20210307275**
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: RESISTANCE TO XANTHOMONAS CAMPESTRIS PV.
CAMPESTRIS (XCC) IN CAULIFLOWER
Trait / Characteristic: Bacterial resistance
Related Vegetable (primary use): Cauliflower

ILP Member: **Limagrain**
PCT Publication Number: [WO2020249798](#)
[WO2020249996](#)
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: Resistance in plants of solanum lycopersicum to the
tobamovirus tomato brown rugose fruit virus
Trait / Characteristic: Virus Resistance
Related Vegetable (primary use): Tomato



Patent Register

Version 13012022

ILP Member: **Limagrain**
PCT Publication Number: [WO2020254655](#)
[WO2020254850](#)
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: Improvement of quality and permanence of green color of peppers at maturity and over-maturity
Trait / Characteristic: Fruit color
Related Vegetable (primary use): Pepper

ILP Member: **Limagrain**
PCT Publication Number: [WO2021019069](#)
[WO2021019272](#)
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: Tolerance to tolcndv in cucumber
Trait / Characteristic: Virus resistance
Related Vegetable (primary use): Cucumber

ILP Member: **Limagrain**
PCT Publication Number: [WO2021/094805](#)
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: RESISTANCE TO ACIDOVORAX VALERIANELLAE IN CORN SALAD
Trait / Characteristic: Bacterial resistance
Related Vegetable (primary use): Corn salad

ILP Member: **Limagrain**
PCT Publication Number: [WO2017/017108](#)
EP Publication Number incl. Hyperlink: [EP3328185 \(B1\)](#)
US or other national publication number: US20180213736 (A1) US11026381 (B2)
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: METHOD FOR PRODUCING HAPLOID, DIHAPLOID AND DOUBLED HAPLOID PLANTS BY ISOLATED MICROSPORE CULTURE
Trait / Characteristic: Dihaploid plant
Related Vegetable (primary use): Cucurbitaceae



Patent Register

Version 13012022

ILP Member: **Limagrain**
PCT Publication Number:
EP Publication Number incl. Hyperlink:
US or other national publication number: US20210185962 A1
Owner – ILP Member (Applicant, if different): Shamrock Seed
PCT Patent Title: Lettuce named bluerock
Trait / Characteristic: Line
Related Vegetable (primary use): Lettuce

ILP Member: **Limagrain**
PCT Publication Number:
EP Publication Number incl. Hyperlink:
US or other national publication number: US20210185961 A1
Owner – ILP Member (Applicant, if different): Shamrock Seed
PCT Patent Title: Lettuce named kanaka
Trait / Characteristic: Line
Related Vegetable (primary use): Lettuce

ILP Member: **Limagrain**
PCT Publication Number: [WO2021245135](#)
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Vilmoring & Cie
PCT Patent Title: Melon plants resistant to scab disease, aphids and powdery mildew
Trait / Characteristic: Disease resistance
Related Vegetable (primary use): Melon

ILP Member: **Limagrain**
PCT Publication Number: [WO2021245282](#)
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: Resistance in plants of solanum lycopersicum to TOBRFV
Trait / Characteristic: Virus Resistance
Related Vegetable (primary use): Tomato



Patent Register

Version 13012022

ILP Member: **Nunhems B.V.**
PCT Publication Number: [wo2014118150](#)
EP Publication Number incl. Hyperlink: [EP2950634](#)
US or other national publication number: [US9901047B2](#) (~~[US2015366152](#)~~)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: SOLANUM LYCOPERSICUM PLANTS HAVING PINK FRUITS
Trait / Characteristic: fruit color
Related Vegetable (primary use): tomato

ILP Member: **Nunhems B.V.**
PCT Publication Number: [WO2014090968](#)
EP Publication Number incl. Hyperlink: [EP2931025 B2](#)
[EP3560331 \(A1\)](#)
US or other national publication number: [US1003441B2](#)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: MELON PLANTS WITH MELON YELLOWING ASSOCIATED VIRUS (MYAV) RESISTANCE
Trait / Characteristic: virus resistance
Related Vegetable (primary use): melon

ILP Member: **Nunhems B.V.**
PCT Publication Number: [WO2014079896](#)
EP Publication Number incl. Hyperlink: [EP2900817](#)
US or other national publication number: [US9832943](#)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: SOLANUM LYCOPERSICUM PLANTS HAVING NON-TRANSGENIC ALTERATIONS IN THE ACS2 GENE
Trait / Characteristic: fruit ripening
Related Vegetable (primary use): tomato

ILP Member: **Nunhems B.V.**
PCT Publication Number: [WO2014049002](#)
EP Publication Number incl. Hyperlink: [EP2931026](#)
US or other national publication number: [US9622430 B2](#);
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: SOLANUM LYCOPERSICUM PLANTS HAVING NON-TRANSGENIC ALTERATIONS IN THE ACS4 GENE
Trait / Characteristic: fruit ripening
Related Vegetable (primary use): tomato



Patent Register

Version 13012022

ILP Member: **Nunhems B.V.**
PCT Publication Number: [WO2013135726](#)
EP Publication Number incl. Hyperlink: [EP2825024](#)
US or other national publication number: [US9551008 B2](#);
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: TOMATO PLANTS WITH INTENSE PHENOTYPE AND TYLCV RESISTANCE
Trait / Characteristic: fruit flesh texture and TYLCV resistance
Related Vegetable (primary use): Tomato

ILP Member: **Nunhems B.V.**
PCT Publication Number: [WO2013127988](#)
EP Publication Number incl. Hyperlink: [EP2819505](#)
US or other national publication number: US9603319
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: TSWV RESISTANT CAPSICUM PLANTS
Trait / Characteristic: TSWV resistance
Related Vegetable (primary use): pepper

ILP Member: **Nunhems B.V.**
PCT Publication Number: [WO2013120781](#)
EP Publication Number incl. Hyperlink: [EP2814316](#)
US or other national publication number: US10433512 (B2)
US10582683 (B2)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: TRIPLOID WATERMELON PLANTS WITH A BUSH GROWTH HABIT
Trait / Characteristic: bush growth
Related Vegetable (primary use): watermelon

ILP Member: **Nunhems B.V.**
PCT Publication Number: [WO2012069539](#)
EP Publication Number incl. Hyperlink: [EP2642845](#)
US or other national publication number: US10517249 (B2)
US9763399 (B2)
US2020093086
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: DUAL PURPOSE POLLENIZER WATERMELONS
Trait / Characteristic: pollenizer watermelon plants
Related Vegetable (primary use): watermelon



Patent Register

Version 13012022

ILP Member: **Nunhems B.V.**
PCT Publication Number: [WO2010142465](#)
EP Publication Number incl. Hyperlink: [EP2440664](#)
US or other national publication number: [US9532520](#)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: DROUGHT TOLERANT PLANTS
Trait / Characteristic: drought tolerance
Related Vegetable (primary use): tomato

ILP Member: **Nunhems B.V.**
PCT Publication Number: [WO2009092560](#)
EP Publication Number incl. Hyperlink: [EP2244554](#)
US or other national publication number: US8704045 (B2)
US8816155 (B2)
US2020288658 A1
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: ONIONS WITH HIGH STORAGE ABILITY, HIGH SOLUBLE SOLIDS CONTENT AND/OR LOW PUNGENCY
Trait / Characteristic: Pungency
Related Vegetable (primary use): Onion

ILP Member: **Nunhems B.V.**
PCT Publication Number: n/a
EP Publication Number incl. Hyperlink:
US or other national publication number: [NL1019887](#)
[BE1015836](#)
[FR0201221](#)
[IT1341910](#)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: Cultivated Cichorium plant, useful for production of hybrid seeds and plants, has a male sterility allele at locus MS, linked to specific markers
Trait / Characteristic: male sterility
Related Vegetable (primary use): chicory, witlof



Patent Register

Version 13012022

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2015036469
EP Publication Number incl. Hyperlink:
US or other national publication number: **US2019185878 (A1)**
US10258002 (B2)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: SPINACH PLANTS THAT ARE RESISTANT TO DOWNY MILDEW
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Spinach

ILP Member: **Nunhems B.V.**
PCT Publication Number:
EP Publication Number incl. Hyperlink:
US or other national publication number: US9624507 (B2)
US10258001 (B2)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: SPINACH PLANTS THAT ARE RESISTANT TO DOWNY MILDEW
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Spinach

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2015040098
EP Publication Number incl. Hyperlink: EP3046410
US or other national publication number: US10212898 (B2)
US2019014732 (A1)
Owner – ILP Member (Applicant, if different):
PCT Patent Title: PLANTS WITH AN INTENSE FRUIT PHENOTYPE
Trait / Characteristic: flesh texture
Related Vegetable (primary use): cucumber, melon, tomato

ILP Member: **Nunhems B.V.**
PCT Publication Number: [WO2015136085](#)
EP Publication Number incl. Hyperlink: [EP3116304](#)
US or other national publication number: US10440914 (B2)
US2020000054
Owner – ILP Member (Applicant, if different): Rijk Zwaan, Nunhems B.V., Limagrain
PCT Patent Title: Bremia lactucae resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Lettuce



Patent Register

Version 13012022

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2015177206
EP Publication Number incl. Hyperlink: EP3145294
US or other national publication number: **US10362742 (B2)**
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: Melon plants with whitefly resistance
Trait / Characteristic: insect resistance
Related Vegetable (primary use): melon

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2015185475
EP Publication Number incl. Hyperlink: EP3151655
EP3574748
US or other national publication number: **US10334797 (B2)**
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: Melon plants with a dominant melon yellowing associated virus (MYaV) resistance gene
Trait / Characteristic: virus resistance
Related Vegetable (primary use): melon

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2016059090
EP Publication Number incl. Hyperlink: EP3206478
US or other national publication number: US10306851 (B2)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: YIELD QTLS IN CUCUMBER PLANTS
Trait / Characteristic: Yield
Related Vegetable (primary use): Cucumber

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2016059092
EP Publication Number incl. Hyperlink: EP3206479
US or other national publication number: US10306850 (B2)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: YIELD QTLS IN CUCUMBER PLANTS
Trait / Characteristic: Yield
Related Vegetable (primary use): Cucumber



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Version 13012022

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2016066748
EP Publication Number incl. Hyperlink: EP3211991 B1
EP3777526 (A1)
US or other national publication number: US10638689 (B2)
US2020359589 (A1)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: LETTUCE PLANTS COMPRISING RESISTANCE AGAINST
NASONOVIA RIBISNIGRI BIOTYPE 1
Trait / Characteristic: Aphid Resistance
Related Vegetable (primary use): Lettuce

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2016113329
EP Publication Number incl. Hyperlink: EP3244726
US or other national publication number: US10694696 (B2)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: CITRULLUS LANATUS PRODUCING FRUITS WITH
HIGH TEXTURE FRUIT FLESH
Trait / Characteristic: flesh texture
Related Vegetable (primary use): Watermelon

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2016177696
EP Publication Number incl. Hyperlink: [EP3291667](#)
US or other national publication number: US10645890 (B2)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: INTROGRESSION OF A YIELD QTL IN CUCUMIS
SATIVUS PLANTS
Trait / Characteristic: yield
Related Vegetable (primary use): cucumber

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2017060350
EP Publication Number incl. Hyperlink: EP3358943
ES2667441 (B1)
US or other national publication number: US10687494 (B2)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: Watermelon plants with Cucumber Vein Yellowing
Virus (CVYV) resistance
Trait / Characteristic: Cucumber Vein Yellowing Virus (CVYV) resistance
Related Vegetable (primary use): watermelon

International Licensing Platform Vegetable

Patent Register – Version 13012022

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Patent Register

Version 13012022

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2017178520
EP Publication Number incl. Hyperlink: EP3442325 (A1)
US or other national publication number: US10709089 (B2)
US2021000048 A1
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: INTROGRESSION OF TWO YIELD QTLs IN CUCUMIS SATIVUS PLANTS
Trait / Characteristic: Yield
Related Vegetable (primary use): cucumber

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2017202715
EP Publication Number incl. Hyperlink: EP3464333 (A1)
US or other national publication number: **US11174493 B2**
~~US2019194672 (A1)~~
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: SEEDLESS FRUIT PRODUCING PLANTS
Trait / Characteristic: Seedless
Related Vegetable (primary use): a.o. watermelon

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2018011075
EP Publication Number incl. Hyperlink: EP3484276 (A1)
US or other national publication number: US10947557 (B2)
US2021163980A1
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: TOLCNDV RESISTANT MELON PLANTS
Trait / Characteristic: Virus Resistance
Related Vegetable (primary use): melon

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2018060444
EP Publication Number incl. Hyperlink: EP3518658 (A1)
US or other national publication number: US11072800 (B2)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: PARTHENO-CARPIC WATERMELON PLANTS
Trait / Characteristic: Parthenocarp
Related Vegetable (primary use): Watermelon



Patent Register

Version 13012022

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2018193044
EP Publication Number incl. Hyperlink: EP3612018 (A1)
US or other national publication number: **US11111502 (B2)**
US2021324405 (A1)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: TOLCNDV RESISTANT MELON PLANTS
Trait / Characteristic: Virus resistance
Related Vegetable (primary use): Melon

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2019034364
EP Publication Number incl. Hyperlink: EP3668307 (A1)
US or other national publication number: **US11172629 B2**
US2021000047 (A1)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: CGMMV Resistant Citrullus plants
Trait / Characteristic: Virus resistance
Related Vegetable (primary use): Watermelon

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2019145446
EP Publication Number incl. Hyperlink: EP3742891 (A1)
US or other national publication number: US2020367460 (A1)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: SPINACH PLANTS RESISTANT TO AT LEAST PERONOSPORA FARINOSA RACES 8 AND 10 TO 16
Trait / Characteristic: Fungus resistance
Related Vegetable (primary use): spinach

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2019145447
EP Publication Number incl. Hyperlink: EP3742892 (A1)
US or other national publication number: US2021054399 (A1)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: SPINACH PLANTS RESISTANT TO AT LEAST PERONOSPORA FARINOSA RACES 8, 9, 11, 13 AND 16
Trait / Characteristic: Fungus resistance
Related Vegetable (primary use): Spinach



Patent Register

Version 13012022

ILP Member:	Nunhems B.V.
PCT Publication Number:	WO2019238832
EP Publication Number incl. Hyperlink:	EP3806619 (A1)
US or other national publication number:	US2021267154 (A1)
Owner – ILP Member (Applicant, if different):	Nunhems B.V.
PCT Patent Title:	SEEDLESS WATERMELON PLANTS COMPRISING MODIFICATIONS IN AN ABC TRANSPORTER GENE
Trait / Characteristic:	Seedless
Related Vegetable (primary use):	Watermelon

ILP Member:	Nunhems B.V.
PCT Publication Number:	WO2020074237
EP Publication Number incl. Hyperlink:	EP3864145 (A1)
US or other national publication number:	US2021348187 (A1)
Owner – ILP Member (Applicant, if different):	Nunhems B.V.
PCT Patent Title:	DOWNY MILDEW RESISTANT LETTUCE MUTANT
Trait / Characteristic:	Downy mildew resistance
Related Vegetable (primary use):	Lettuce

ILP Member:	Nunhems B.V.
PCT Publication Number:	WO2020120242
EP Publication Number incl. Hyperlink:	EP3893631 (A1)
US or other national publication number:	
Owner – ILP Member (Applicant, if different):	Nunhems B.V.
PCT Patent Title:	SOLANACEOUS PLANT CAPABLE OF STENOSPERMOCARPIC FRUIT FORMATION
Trait / Characteristic:	Seedless
Related Vegetable (primary use):	Pepper

ILP Member:	Nunhems B.V.
PCT Publication Number:	WO2020239495
EP Publication Number incl. Hyperlink:	
US or other national publication number:	
Owner – ILP Member (Applicant, if different):	Nunhems B.V.
PCT Patent Title:	OOMYCETE RESISTANCE IN CUCUMBER AND TOMATO
Trait / Characteristic:	Downy mildew resistance
Related Vegetable (primary use):	Cucumber, tomato



Patent Register

Version 13012022

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2020239496
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: DOWNY MILDEW RESISTANCE IN CUCURBITACEAE PLANTS
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Cucurbitaceae

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2020249593
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: TOMATO PLANT PRODUCING FRUIT HAVING IMPROVED RIPENING CHARACTERISTICS
Trait / Characteristic: Fruit ripening
Related Vegetable (primary use): Tomato

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2021165091 (A1)
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: METHOD FOR SELECTING SEED SIZE IN WATERMELON AND GENERATING MODIFICATIONS IN THE TOMATO-SEED SIZE GENE
Trait / Characteristic: Seeds size
Related Vegetable (primary use): Watermelon

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2021185774 (A1)
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: DIDYMELLA BRYONIAE INTERNAL FRUIT ROT RESISTANCE IN CUCUMIS SATIVUS PLANTS
Trait / Characteristic: Fungus resistance
Related Vegetable (primary use): Cucumber



Patent Register

Version 13012022

ILP Member:	Nunhems B.V.
PCT Publication Number:	WO2021213892
EP Publication Number incl. Hyperlink:	
US or other national publication number:	
Owner – ILP Member (Applicant, if different):	Nunhems B.V.
PCT Patent Title:	SOLANUM LYCOPERSICUM PLANTS HAVING IMPROVED TOBAMOVIRUS RESISTANCE
Trait / Characteristic:	Virus resistance
Related Vegetable (primary use):	Tomato

ILP Member:	Nunhems B.V.
PCT Publication Number:	WO2021228699
EP Publication Number incl. Hyperlink:	
US or other national publication number:	
Owner – ILP Member (Applicant, if different):	Nunhems B.V.
PCT Patent Title:	TOMATO PLANTS HAVING SUPPRESSED MEIOTIC RECOMBINATION
Trait / Characteristic:	Male sterility
Related Vegetable (primary use):	Tomato

ILP Member:	Nunhems B.V.
PCT Publication Number:	WO2021249830
EP Publication Number incl. Hyperlink:	
US or other national publication number:	
Owner – ILP Member (Applicant, if different):	Nunhems B.V.
PCT Patent Title:	Aphis gossypii resistance in cultivated Capsicum plants
Trait / Characteristic:	Insect resistance
Related Vegetable (primary use):	Pepper

ILP Member:	Nunhems B.V.
PCT Publication Number:	WO2021249826
EP Publication Number incl. Hyperlink:	
US or other national publication number:	
Owner – ILP Member (Applicant, if different):	Nunhems B.V.
PCT Patent Title:	CAPSICUM ANNUUM PLANTS HAVING IMPROVED THRIPS RESISTANCE
Trait / Characteristic:	Insect resistance
Related Vegetable (primary use):	Pepper



Patent Register

Version 13012022

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2007039137
EP Publication Number incl. Hyperlink: [EP1763991](#)
[EP1926365](#)
US or other national publication number: 20090106867
20120210470
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Red Lettuce
Trait / Characteristic: Red coloring in core
Related Vegetable (primary use): Lettuce

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2012087140
EP Publication Number incl. Hyperlink: [EP2654407](#)
US or other national publication number: 20130239258
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Fruit Formation In The Absence Of Fertilisation
Trait / Characteristic: Seedless fruits
Related Vegetable (primary use): Pepper

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2010149628
EP Publication Number incl. Hyperlink: [EP2445332](#)
US or other national publication number: 20120164303
20130189419
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Fertilisation Independent Fruit Formation In Tomato
Trait / Characteristic: Seedless fruits
Related Vegetable (primary use): Tomato

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2012026814
EP Publication Number incl. Hyperlink: [EP2608657](#)
US or other national publication number: 20120054894 / 20130219566 / US20150313170
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Multileaf Spinach
Trait / Characteristic: Multileaf
Related Vegetable (primary use): Spinach



Patent Register

Version 13012022

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2012087143
EP Publication Number incl. Hyperlink: [EP2654409](#)
US or other national publication number: 20120164304
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: New Celery Morphology
Trait / Characteristic: Uniform stem size
Related Vegetable (primary use): Celery

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO199903329
EP Publication Number incl. Hyperlink: [EP0942643](#)
US or other national publication number: Patent 6,320,104
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Multileaf Lettuce
Trait / Characteristic: Multileaf
Related Vegetable (primary use): Lettuce

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2010023093
EP Publication Number incl. Hyperlink: [EP2328403](#)
US or other national publication number: 20110214197
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: White Kohlrabi
Trait / Characteristic: White colored stem
Related Vegetable (primary use): Brassica

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2009130307
EP Publication Number incl. Hyperlink: [EP2111748](#)
[EP2278872](#)
US or other national publication number: 20110078815
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Cytoplasmic Male Sterile Rucola
Trait / Characteristic: Male sterility
Related Vegetable (primary use): Rucola



Patent Register

Version 13012022

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2005124108
EP Publication Number incl. Hyperlink: [EP1781793](#)
[EP2175027](#)
US or other national publication number: 20080256661
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Reduced Susceptibility Towards Pathogens, in Particular Comycetes, Such As Downy Mildew In Lettuce And Spinach
Trait / Characteristic: Bremia resistance
Related Vegetable (primary use): Lettuce

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2011144672
EP Publication Number incl. Hyperlink: [EP2571347](#)
US or other national publication number: 20130074223
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Resistance To Post Harvest Deterioration In Cucumber
Trait / Characteristic: Increased shelflife
Related Vegetable (primary use): Cucumber

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2007077230
EP Publication Number incl. Hyperlink: [EP1998607](#)
[EP2484200](#)
US or other national publication number: 20070180578
20100287673
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Resistance To Physiological Disorders In Lettuce
Trait / Characteristic: Increased shelflife
Related Vegetable (primary use): Lettuce



Patent Register

Version 13012022

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2013064641
EP Publication Number incl. Hyperlink: [EP2589285](#)
[EP2773184](#)
US or other national publication number: 2013254928 (was 20130007925)
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Pepino Mosaic Virus Resistant Tomato Plant
Trait / Characteristic: Pepino resistance
Related Vegetable (primary use): Tomato

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2012065629
WO2012066008
EP Publication Number incl. Hyperlink: [EP2640183](#)
US or other national publication number: 20120124695
20130239250
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Resistance To Nasonovia Ribisnigri Biotype 1 (Nr:1)
From Lactuca Serriola
Trait / Characteristic: Aphid resistance
Related Vegetable (primary use): Lettuce

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2011058192
EP Publication Number incl. Hyperlink: [EP2501220](#)
US or other national publication number: 20110126308
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Lettuce That Is Resistant To The Lettuce Aphid
Nasonovia Ribisnigri Biotype 1
Trait / Characteristic: Aphid resistance
Related Vegetable (primary use): Lettuce

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2013156566
EP Publication Number incl. Hyperlink: [EP2653029](#)
US or other national publication number: 20130283479
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Thrips Resistant Cabbage
Trait / Characteristic: Thrips resistance
Related Vegetable (primary use): Brassica



Patent Register

Version 13012022

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2010057960
EP Publication Number incl. Hyperlink: [EP2346316](#)
US or other national publication number: 20110277191
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Resistance To Post Harvest Deterioration in
Cucumber
Trait / Characteristic: Increased shelflife
Related Vegetable (primary use): Cucumber

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2013117623
EP Publication Number incl. Hyperlink: [EP2534942](#)
US or other national publication number: 20140223593
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Tomato Plant Comprising A Mutant TGHVI Allele
Trait / Characteristic: No green staining
Related Vegetable (primary use): Tomato

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2014029876
EP Publication Number incl. Hyperlink: [EP2700301](#)
US or other national publication number: 20150164014
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Hairless Eggplant
Trait / Characteristic: Hairless stems and leaves
Related Vegetable (primary use): Eggplant

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2013124310
EP Publication Number incl. Hyperlink: EP2628387
US or other national publication number: 20130269066
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: R-Genes In Coupling Phase
Trait / Characteristic: Bremia resistance
Related Vegetable (primary use): Lettuce



Patent Register

Version 13012022

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2011042279
EP Publication Number incl. Hyperlink: [EP2475243](#)
US or other national publication number: 20120216308
20130291137
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Tomato With Improved Shelf-life
Trait / Characteristic: Increased shelflife
Related Vegetable (primary use): Tomato

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2007077229
EP Publication Number incl. Hyperlink: [EP1973396](#)
[EP2428112](#)
US or other national publication number: 20070180573
20140033372
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Screening Method For Selecting Plants That Show A
Reduced Wound-Induced Surface Discolouration
And Plant And Plant Parts Thus Obtained
Trait / Characteristic: Increased shelflife
Related Vegetable (primary use): Lettuce

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2014009555
EP Publication Number incl. Hyperlink: [EP2684449](#)
US or other national publication number: 20150125588
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Small Seeded Corn Salad (Valerianella Locusta)
Trait / Characteristic: Uniform seedsize
Related Vegetable (primary use): Corn salad



Patent Register

Version 13012022

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2007077231
EP Publication Number incl. Hyperlink: [EP1988764](#)
US or other national publication number: 20090053757
20130237452
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Screening Method For Selecting Plants That show A
Reduced Wound-Induced Surface Discolouration
Trait / Characteristic: Increased shelflife
Related Vegetable (primary use): Lettuce

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2014140026
EP Publication Number incl. Hyperlink: EP2966988
US or other national publication number: 20160014989
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Dark Stem Cucumber Plants
Trait / Characteristic: Increased shelflife
Related Vegetable (primary use): Cucumber

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2014096415
EP Publication Number incl. Hyperlink: [EP2745679](#)
US or other national publication number: 20140182019
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Brassica Plants Resistant To Clubroot
Trait / Characteristic: Clubroot resistance
Related Vegetable (primary use): Brassica

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2013093054
EP Publication Number incl. Hyperlink: [EP2607487](#)
[EP2794889](#)
US or other national publication number: 20130191937
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Resistance Against Peronospora Parasitica In
Diplotaxis Tenuifolia
Trait / Characteristic: Peronospora
Related Vegetable (primary use): Rucola



Patent Register

Version 13012022

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2013064436
EP Publication Number incl. Hyperlink: [EP2773185](#)
US or other national publication number: 20130230635
20140053293
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Peronospora Resistance In Spinacia Oleracea
Trait / Characteristic: Peronospora resistance
Related Vegetable (primary use): Spinach

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2013132084
EP Publication Number incl. Hyperlink: [EP2636301](#)
US or other national publication number: 20130269048
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Cucumber With Increased Number Of Fruits
Trait / Characteristic: Increased yield
Related Vegetable (primary use): Cucumber

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2013139654
EP Publication Number incl. Hyperlink: [EP2641467](#)
US or other national publication number: 20130254947
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Personal Celery
Trait / Characteristic: small sized plants
Related Vegetable (primary use): Celery

ILP Member: **Rijk Zwaan**
PCT Publication Number: [WO2014140341](#)
EP Publication Number incl. Hyperlink: EP2966993
US or other national publication number: 20140289907
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Tomato Spotted Wilt Virus And/Or Impatiens
Necrotic Spot Virus Resistance In Cultivated Lettuce
Trait / Characteristic: TWSV/INSV resistance
Related Vegetable (primary use): Lettuce



Patent Register

Version 13012022

ILP Member: **Rijk Zwaan**
PCT Publication Number: [WO2014140378](#)
EP Publication Number incl. Hyperlink: EP2966992
US or other national publication number: 20140283223
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: High Temperature Germinating Lettuce Seeds
Trait / Characteristic: Increased germination temperature
Related Vegetable (primary use): Lettuce

ILP Member: **Rijk Zwaan**
PCT Publication Number: [WO2014140209](#)
EP Publication Number incl. Hyperlink: EP2966994
US or other national publication number: 20140272083
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Red Spinach Plant
Trait / Characteristic: Red colored leaves
Related Vegetable (primary use): Spinach

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2014108471
EP Publication Number incl. Hyperlink: [EP2754667](#)
US or other national publication number: 20140201859
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Reversible Genic Male Sterility In Compositae
Trait / Characteristic: Reversible GMS
Related Vegetable (primary use): Asteraceae

ILP Member: **Rijk Zwaan**
PCT Publication Number: [WO2014140331](#)
EP Publication Number incl. Hyperlink: EP2966989
US or other national publication number: 20140272088
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Resistance Against Leveillula Taurica in Pepper
Trait / Characteristic: Leveillula resistance
Related Vegetable (primary use): Pepper



Patent Register

Version 13012022

ILP Member: **Rijk Zwaan**
PCT Publication Number: [WO2015000991](#)
EP Publication Number incl. Hyperlink: EP3016504
US or other national publication number: 20160115496
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Pepper with increased brix level
Trait / Characteristic: Increased level of brix
Related Vegetable (primary use): Pepper

ILP Member: **Rijk Zwaan**
PCT Publication Number: [WO2015000992](#)
EP Publication Number incl. Hyperlink: EP3016503
US or other national publication number: 20160130598
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Pepper with increased total content of terpenoids
Trait / Characteristic: Increased total content of terpenoids
Related Vegetable (primary use): Pepper

ILP Member: **Rijk Zwaan**
PCT Publication Number: [WO2015000993](#)
EP Publication Number incl. Hyperlink: EP3016505
US or other national publication number: 20160160225
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Pepper with novel flavor
Trait / Characteristic: Altered taste
Related Vegetable (primary use): Pepper

ILP Member: **Rijk Zwaan**
PCT Publication Number: [WO2015086726](#)
EP Publication Number incl. Hyperlink: [EP3079460](#)
US or other national publication number: US20160272998
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Fertilisation independent fruit formation in eggplant
Trait / Characteristic: CMS
Related Vegetable (primary use): Eggplant



Patent Register

Version 13012022

ILP Member:	Rijk Zwaan
PCT Publication Number:	WO2015136085
EP Publication Number incl. Hyperlink:	EP3116304
US or other national publication number:	US10440914 (B2) US2020000054
Owner – ILP Member (Applicant, if different):	Rijk Zwaan, Nunhems B.V., Limagrain
PCT Patent Title:	Bremia lactucae resistant plants
Trait / Characteristic:	Downy mildew resistance
Related Vegetable (primary use):	Lettuce
<hr/>	
ILP Member:	Rijk Zwaan
PCT Publication Number:	WO2015150560
EP Publication Number incl. Hyperlink:	EP3126504
US or other national publication number:	20170016022
Owner – ILP Member (Applicant, if different):	Rijk Zwaan
PCT Patent Title:	Modified gene conferring virus resistance
Trait / Characteristic:	Virus resistance
Related Vegetable (primary use):	Cucumber, melon, watermelon, carrot, beans, tomato, spinach, lettuce, brassica, beetroot
<hr/>	
ILP Member:	Rijk Zwaan
PCT Publication Number:	WO2016026816
EP Publication Number incl. Hyperlink:	EP3182820
US or other national publication number:	20170164570
Owner – ILP Member (Applicant, if different):	Rijk Zwaan
PCT Patent Title:	Tomato plants allowing the establishment of mites
Trait / Characteristic:	Plants that tolerate predatory mites for use against insects
Related Vegetable (primary use):	Tomato
<hr/>	
ILP Member:	Rijk Zwaan
PCT Publication Number:	WO2016041952
EP Publication Number incl. Hyperlink:	EP3194598
US or other national publication number:	20170183682
Owner – ILP Member (Applicant, if different):	Rijk Zwaan
PCT Patent Title:	High temperature seed germination
Trait / Characteristic:	Increased germination temperature
Related Vegetable (primary use):	Lettuce



Patent Register

Version 13012022

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2009007066
EP Publication Number incl. Hyperlink: EP2011389
US or other national publication number: US20100175142
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Method for identifying plant material that shows a reduced discolouration, plants thus identified and use of the identified plants for the production of commercial crop plants showing a reduced discolouration
Trait / Characteristic: Increased shelflife
Related Vegetable (primary use): Lettuce

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2014202781
EP Publication Number incl. Hyperlink: [EP3010331](#)
US or other national publication number: 20160100544
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Resistance against Hyaloperonospora parasitica in Diplotaxis tenuifolia
Trait / Characteristic: Peronospora resistance
Related Vegetable (primary use): Rucola

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2016120438
EP Publication Number incl. Hyperlink: EP3250694
US or other national publication number: 20170335339
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Modified gene resulting in parthenocarpic fruit set
Trait / Characteristic: Seedless fruit
Related Vegetable (primary use): Melon

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2017005669
EP Publication Number incl. Hyperlink: EP3316678
US or other national publication number: 20180116145
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: White celery
Trait / Characteristic: White celery
Related Vegetable (primary use): Celery



Patent Register

Version 13012022

ILP Member:	Rijk Zwaan
PCT Publication Number:	WO2016207432
EP Publication Number incl. Hyperlink:	EP3313171
US or other national publication number:	20180054990
Owner – ILP Member (Applicant, if different):	Rijk Zwaan
PCT Patent Title:	Genetic basis for cucumber fruit having small seed cavity
Trait / Characteristic:	Small seed cavity
Related Vegetable (primary use):	Cucumber

ILP Member:	Rijk Zwaan
PCT Publication Number:	WO2017016908
EP Publication Number incl. Hyperlink:	EP3328186
US or other national publication number:	20180103601
Owner – ILP Member (Applicant, if different):	Rijk Zwaan
PCT Patent Title:	QTLs for fusarium resistance in cucumber
Trait / Characteristic:	Fusarium resistance
Related Vegetable (primary use):	Cucumber

ILP Member:	Rijk Zwaan
PCT Publication Number:	WO2017042270
EP Publication Number incl. Hyperlink:	EP3347370
US or other national publication number:	20180184604
Owner – ILP Member (Applicant, if different):	Rijk Zwaan
PCT Patent Title:	Modified cullin1 gene
Trait / Characteristic:	Compact growth
Related Vegetable (primary use):	Cucumber

ILP Member:	Rijk Zwaan
PCT Publication Number:	WO2017054938
EP Publication Number incl. Hyperlink:	EP3355687
US or other national publication number:	20180223307
Owner – ILP Member (Applicant, if different):	Rijk Zwaan
PCT Patent Title:	Copy number variant leading to virus resistance
Trait / Characteristic:	Virus resistance
Related Vegetable (primary use):	Cucumber



Patent Register

Version 13012022

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2017072300
EP Publication Number incl. Hyperlink: EP3367782
US or other national publication number: 20180298395
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Tomato plant producing fruits that comprise beneficial compounds
Trait / Characteristic: Beneficial compounds
Related Vegetable (primary use): Tomato

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2017084724
EP Publication Number incl. Hyperlink: EP3376853
US or other national publication number: 9,402,363
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Peronospora resistance in spinacia oleracea
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Spinach

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2017134297
EP Publication Number incl. Hyperlink: EP3410844
US or other national publication number: 20190021271
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: QTLs conferring resistance to potyviruses in watermelon
Trait / Characteristic: Resistance to Potyviruses
Related Vegetable (primary use): Watermelon

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2017144669
EP Publication Number incl. Hyperlink: EP3419416
US or other national publication number: 20190136255
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Plants showing a reduced wound-induced surface discoloration
Trait / Characteristic: Shelflife
Related Vegetable (primary use): Lettuce



Patent Register

Version 13012022

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2017194073
EP Publication Number incl. Hyperlink: EP3454645
US or other national publication number: 20170327839
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Non R-gene mediated resistance
Trait / Characteristic: Disease resistance
Related Vegetable (primary use): Spinach

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2018010803
EP Publication Number incl. Hyperlink: EP3484279
US or other national publication number: 20190223402
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Eggplant producing seeds with a novel colour
Trait / Characteristic: Seed colour
Related Vegetable (primary use): Eggplant

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2018050766
EP Publication Number incl. Hyperlink: EP3512331
US or other national publication number:
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Red vein endive plant
Trait / Characteristic: Leaf colour
Related Vegetable (primary use): Cichorium

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2018050765
EP Publication Number incl. Hyperlink: EP3512330
US or other national publication number: 20190225984
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: QTL contributing to whitefly resistance in cucumis melo
Trait / Characteristic: White fly resistance
Related Vegetable (primary use): Melon



Patent Register

Version 13012022

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2018059718
EP Publication Number incl. Hyperlink: EP3518660
US or other national publication number: 20190110422
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Peronospora resistance in spinacia oleracea
Trait / Characteristic: Peronospora resistance
Related Vegetable (primary use): Spinach

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2018059651
EP Publication Number incl. Hyperlink: EP3410845
US or other national publication number: 20190127753
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Method for modifying the resistance profile of spinacia oleracea to downy mildew
Trait / Characteristic: Peronospora resistance
Related Vegetable (primary use): Spinach

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2018059653
EP Publication Number incl. Hyperlink: EP3518659
US or other national publication number: 20190233841
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Peronospora resistance in spinacia oleracea
Trait / Characteristic: Peronospora resistance
Related Vegetable (primary use): Spinach

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2018185340
EP Publication Number incl. Hyperlink: EP3606334
US or other national publication number: 20200056201
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Angular leaf spot (Pseudomonas) resistance in cucumber
Trait / Characteristic: Pseudomonas resistance
Related Vegetable (primary use): Cucumber



Patent Register

Version 13012022

ILP Member:	Rijk Zwaan
PCT Publication Number:	WO2018219861
EP Publication Number incl. Hyperlink:	EP3629706
US or other national publication number:	20200131527
Owner – ILP Member (Applicant, if different):	Rijk Zwaan
PCT Patent Title:	Tomato leaf curl new delhi virus (ToLCNDV) resistant melons
Trait / Characteristic:	ToLCNDV resistance
Related Vegetable (primary use):	Melon

ILP Member:	Rijk Zwaan
PCT Publication Number:	
EP Publication Number incl. Hyperlink:	EP3427575
US or other national publication number:	
Owner – ILP Member (Applicant, if different):	Rijk Zwaan
PCT Patent Title:	Endive plant that shows reduced browning
Trait / Characteristic:	Shelflife
Related Vegetable (primary use):	Cichorium

ILP Member:	Rijk Zwaan
PCT Publication Number:	WO2019016323
EP Publication Number incl. Hyperlink:	EP3654764
US or other national publication number:	20200199613
Owner – ILP Member (Applicant, if different):	Rijk Zwaan
PCT Patent Title:	Genetic basis for Pythium resistance
Trait / Characteristic:	Pythium resistance
Related Vegetable (primary use):	Cucumber

ILP Member:	Rijk Zwaan
PCT Publication Number:	WO2019063839
EP Publication Number incl. Hyperlink:	EP3688016
US or other national publication number:	20190218571
Owner – ILP Member (Applicant, if different):	Rijk Zwaan
PCT Patent Title:	CMV resistance allele
Trait / Characteristic:	CMV resistance
Related Vegetable (primary use):	Spinach



Patent Register

Version 13012022

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2019110130
EP Publication Number incl. Hyperlink: EP3735125
US or other national publication number:
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: TBRFV resistant tomato plants
Trait / Characteristic: TBRFV resistance
Related Vegetable (primary use): Tomato

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2020025632
EP Publication Number incl. Hyperlink: EP3829293
US or other national publication number: 20210214707
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Mutant allele of the ACO2 gene (Maleness in cucumber ACO2 gene)
Trait / Characteristic: Male flowering
Related Vegetable (primary use): Cucumber

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2020025631
EP Publication Number incl. Hyperlink: EP3830269
US or other national publication number: 20210222190
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: CYSDV resistance in members of the cucurbitaceae family
Trait / Characteristic: CYSDV resistance
Related Vegetable (primary use): Melon

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2020128044
EP Publication Number incl. Hyperlink: **EP3897106**
US or other national publication number: 20200199615
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Peronospora resistance in spinacia oleracea
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Spinach



Patent Register

Version 13012022

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2020193712
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Brassica plant resistant to Downy mildew
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Brassica

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2019110821
EP Publication Number incl. Hyperlink: EP3720272
US or other national publication number: 20200399652
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: TBRFV resistant tomato plants
Trait / Characteristic: TBRFV resistance
Related Vegetable (primary use): Tomato

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2021064118
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Begomovirus resistance related genes
Trait / Characteristic: Begomovirus resistance
Related Vegetable (primary use): Cucurbitaceae & Solanaceae

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2021116486
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: 9-lox5 gene variant providing powdery mildew resistance
Trait / Characteristic: Powdery mildew resistance
Related Vegetable (primary use): Watermelon



Patent Register

Version 13012022

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2021105408
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Watermelon with pale microseeds
Trait / Characteristic: Pale microseeds
Related Vegetable (primary use): Watermelon

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2021110855
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: CCA gene for virus resistance
Trait / Characteristic: ToBRFV resistance
Related Vegetable (primary use): Tomato

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2021123429
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Torrado virus resistance gene
Trait / Characteristic: Gene conferring resistance to Torradovirus
Related Vegetable (primary use): Tomato

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2021180949
EP Publication Number incl. Hyperlink:
US or other national publication number: 20210282345
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Peronospora resistance in spinacia oleracea
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Spinach



Patent Register

Version 13012022

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2021170868
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Albino3-like gene involved in virus resistance
Trait / Characteristic: ToBRFV resistance
Related Vegetable (primary use): Tomato

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2021170850
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: CMV resistance conferring genes
Trait / Characteristic: CMV resistance
Related Vegetable (primary use): Cucumber

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2021255272
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Root-knot nematode resistance conferring gene
Trait / Characteristic: Nematode resistance
Related Vegetable (primary use): Tomato



Patent Register

Version 13012022

ILP Member:	Sakata Seed Corporation
PCT Publication Number:	WO2007049730
EP Publication Number incl. Hyperlink:	EP1950290 EP2944692
US or other national publication number:	US8058505 AU2006307069B2 CN101522896B EG26029 IN247408 JP04139429 KR1106932 MX278996
Owner – ILP Member (Applicant, if different):	Sakata Seed Corporation
PCT Patent Title:	CYTOPLASMIC HYBRID PLANT BELONGING TO THE GENUS LACTUCA AND METHOD FOR PRODUCTION THEREOF
Trait / Characteristic:	cytoplasmic male sterility
Related Vegetable (primary use):	Lettuce

ILP Member:	Sakata Seed Corporation
PCT Publication Number:	-
EP Publication Number incl. Hyperlink:	-
US or other national publication number:	JP05964046
Owner – ILP Member (Applicant, if different):	Sakata Seed Corporation
PCT Patent Title:	NEW TOMATO ROOTSTOCK, AND TOMATO GRAFTED SEEDLING USING THE SAME
Trait / Characteristic:	Potato leaf morphological marker for grafting
Related Vegetable (primary use):	Tomato

ILP Member:	Sakata Seed Corporation
PCT Publication Number:	-
EP Publication Number incl. Hyperlink:	-
US or other national publication number:	US9198364
Owner – ILP Member (Applicant, if different):	ALF CHRISTIANSON SEED COMPANY
PCT Patent Title:	DOWNY MILDEW RESISTANCE IN TABLE BEET
Trait / Characteristic:	Downy mildew resistance
Related Vegetable (primary use):	Beet



Patent Register

Version 13012022

ILP Member: **Sakata Seed Corporation**
PCT Publication Number: -
EP Publication Number incl. Hyperlink: -
US or other national publication number: JP2017074009 (A) JP06815075B2
US20200396932A1 CN106973782B
Owner – ILP Member (Applicant, if different): Sakata Seed Corporation
PCT Patent Title: NOVEL SPINACH AND METHOD FOR PRODUCING
THE SAME
Trait / Characteristic: having solid petioles at harvest
Related Vegetable (primary use): Spinach

ILP Member: **Sakata Seed Corporation**
PCT Publication Number: WO2018/085646
EP Publication Number incl. Hyperlink:
US or other national publication number: AU2017355483B2
US11019781B2
Owner – ILP Member (Applicant, if different): Sakata Seed Corporation
PCT Patent Title: PURPLE BABY BROCCOLI
Trait / Characteristic: Purple colour
Related Vegetable (primary use): Broccoli

ILP Member: **Sakata Seed Corporation**
PCT Publication Number: WO2020013190A1
EP Publication Number incl. Hyperlink: EP3821703A1
US or other national publication number: AU2019302170A1 KR2021019070A
IN202117002312A BR112021000024A2
CN112566491A US20210274732A1
Owner – ILP Member (Applicant, if different): Sakata Seed Corporation
PCT Patent Title: S-Methylmethionine-rich brassica oleracea plant
Trait / Characteristic: S-Methylmethionine-rich
Related Vegetable (primary use): Broccoli



Patent Register

Version 13012022

ILP Member:	Sakata Seed Corporation
PCT Publication Number:	WO2019163954A1
EP Publication Number incl. Hyperlink:	EP3756454A1
US or other national publication number:	US20210051873A1 CN112118731A BR112020017157A2 IN202017040915A
Owner – ILP Member (Applicant, if different):	Sakata Seed Corporation
PCT Patent Title:	Self-compatible brassica oleracea plant and method for growing same
Trait / Characteristic:	Self-compatible
Related Vegetable (primary use):	Broccoli

ILP Member:	Sakata Seed Corporation
PCT Publication Number:	WO2019050042A1
EP Publication Number incl. Hyperlink:	EP3682732A1
US or other national publication number:	CL2020000609A1
Owner – ILP Member (Applicant, if different):	Sakata Seed Corporation
PCT Patent Title:	Downy mildew resistant cabbage and cultivation method therefor
Trait / Characteristic:	Downy mildew resistant
Related Vegetable (primary use):	Cabbage

ILP Member:	Sakata Seed Corporation
PCT Publication Number:	WO2020077224A1
EP Publication Number incl. Hyperlink:	
US or other national publication number:	US20200115720A1
Owner – ILP Member (Applicant, if different):	SAKATA SEED AMERICA INC.(applicant)
PCT Patent Title:	Method of combining fusarium resistance and pepper
Trait / Characteristic:	Fusarium resistant pepper
Related Vegetable (primary use):	Pepper

ILP Member:	Sakata Seed Corporation
PCT Publication Number:	-
EP Publication Number incl. Hyperlink:	-
US or other national publication number:	TW202107981A
Owner – ILP Member (Applicant, if different):	Sakata Seed Corporation
PCT Patent Title:	CMS lettuce species plant modified in low temperature growth
Trait / Characteristic:	Cytoplasmic male sterility
Related Vegetable (primary use):	Lettuce



Patent Register

Version 13012022

ILP Member:	Semillas Fitó S.A.U.
PCT Publication Number:	WO2009112546
EP Publication Number incl. Hyperlink:	EP2255006
US or other national publication number:	ES2336180
Owner – ILP Member (Applicant, if different):	Semillas Fitó
PCT Patent Title:	PROCESS FOR PRODUCING TOMATO PLANTS WITH LONG-LIFE CHARACTERISTICS
Trait / Characteristic:	Long shelf life
Related Vegetable (primary use):	Tomato

ILP Member:	Semillas Fitó S.A.U.
PCT Publication Number:	WO2017/186920 A1
EP Publication Number incl. Hyperlink:	EP3238533
US or other national publication number:	Does not apply
Owner – ILP Member (Applicant, if different):	Semillas Fitó
PCT Patent Title:	Begomovirus-resistant Melon Plants
Trait / Characteristic:	Resistance to ToLCNDV
Related Vegetable (primary use):	Melon



Patent Register

Version 13012022

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2011020797
EP Publication Number incl. Hyperlink: [EP2467487 \(B1\)](#), [EP3594353 \(A1\)](#)
US or other national publication number: US 8,975,468 (B2)
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: DISEASE RESISTANT TOMATO PLANTS
Trait / Characteristic: B. cinerea resistance
Related Vegetable (primary use): Tomato

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2011051120
EP Publication Number incl. Hyperlink: [EP2494055 \(A1\)](#)
US or other national publication number: US 8,987,549 (B2), US 10,362,741 (B2),
US 10,888,056 (B2)
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: TOMATO FRUIT HAVING INCREASED FIRMNESS
Trait / Characteristic: Fruit firmness and texture
Related Vegetable (primary use): Tomato

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2013153237
EP Publication Number incl. Hyperlink: [EP2871936 \(B1\)](#), [EP3563674 \(A1\)](#)
US or other national publication number: US 9,665,684 (B2),
US 10,340,026 (B2)
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: QTL RESPONSIBLE FOR TOMATO FRUIT FIRMNESS
Trait / Characteristic: Fruit firmness and texture
Related Vegetable (primary use): Tomato

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2012041856
EP Publication Number incl. Hyperlink: [EP2621943 \(B1\)](#)
US or other national publication number: US-2014-0137296
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: MODULATION OF SOLANACEAE FRUIT RIPENING
Trait / Characteristic: Fruit firmness and texture
Related Vegetable (primary use): Tomato

International Licensing Platform Vegetable

Patent Register – Version 13012022

Telephone: +31 70 318 00 35

Email: mail@ILP-vegetable.org • Website: www.ILP-vegetable.org



Patent Register

Version 13012022

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2008135510
EP Publication Number incl. Hyperlink: [EP2140023 \(B1\)](#)
US or other national publication number: US 8,993,855 (B2), US 9,137,959 (B2)
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: INSECT RESISTANT PLANT
Trait / Characteristic: Insect resistance
Related Vegetable (primary use): Pepper

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2008/152134
EP Publication Number incl. Hyperlink: [EP2166833 \(B1\)](#), [EP2517552 \(A1\)](#)
US or other national publication number: US 8,4926,19 (B2), US 9,303,271 (B2),
US 10,143,174 (B2)
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: IMPROVED PEPPER PLANT
Trait / Characteristic: Seedlessness
Related Vegetable (primary use): Pepper

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2009098983
EP Publication Number incl. Hyperlink: [EP2245922 \(B1\)](#)
US or other national publication number: US 8,957,286 (B2)
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: PLANT CAPABLE OF BEARING SEEDLESS FRUITS AND
METHOD OF PRODUCING VARIETY BEARING
SEEDLESS FRUITS
Trait / Characteristic: Seedlessness
Related Vegetable (primary use): Pepper



Patent Register

Version 13012022

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2013034747
EP Publication Number incl. Hyperlink: [EP2753168 \(A1\)](#), EP3491916 (A1)
US or other national publication number: US 9,493,784 (B2), US 10,104,859 (B2)
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: NEW PEPPER PLANTS AND FRUITS WITH IMPROVED
NUTRITIONAL VALUE
Trait / Characteristic: Improved Color
Related Vegetable (primary use): Pepper

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2009000736
EP Publication Number incl. Hyperlink: [EP2164970 \(A1\)](#)
US or other national publication number: US 8,637,729 (B2), US 9,686,924 (B2),
US 10,064,351 (B2)
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: F. OXYSPORUM F.SP. MELONIS RACE 1,2-RESISTANT
MELONS
Trait / Characteristic: Fusarium resistance
Related Vegetable (primary use): Melon

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2005068637
EP Publication Number incl. Hyperlink: [EP1587933 \(B2\)](#)
US or other national publication number: US 8,829,265 (B2)
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: NOVEL MELON PLANTS
Trait / Characteristic: Sweet & Sour melon
Related Vegetable (primary use): Melon



Patent Register

Version 13012022

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2003096798
EP Publication Number incl. Hyperlink: [EP1503621 \(B1\)](#)
US or other national publication number: US 6,747,191 (B2), US 7,238,866 (B2),
US 7,547,550, US 7,652,193 (B2), US 8,742,208 (B2)
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: TETRAPLOID WATERMELONS PRODUCING SMALL
FRUITS
Trait / Characteristic: Seedlessness
Related Vegetable (primary use): Watermelon

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2003075641
EP Publication Number incl. Hyperlink: [EP1487256 \(B1\)](#), [EP2255614 \(A1\)](#)
US or other national publication number: US-2009-0133141 (A1), US 6,759,576 (B2),
US 7,071,374 (B2), US 7,528,298 (B2),
US-2020-0154662 (A1)
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: ENHANCED POLLENIZER AND METHODS FOR
INCREASING SEEDLESS WATERMELON YIELD
Trait / Characteristic: Seedlessness (Super-Pollenizer)
Related Vegetable (primary use): Watermelon

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2010111031
EP Publication Number incl. Hyperlink: [EP2410836 \(B1\)](#)
US or other national publication number: US 8,418,635 (B2),
US 8,418,637 (B2)
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: METHOD OF PLANTING TRIPLOID SEEDLESS
WATERMELON SEEDS AND ENHANCED
WATERMELON POLLENIZER SEEDS FOR PRODUCING
WATERMELON TRANSPLANTS
Trait / Characteristic: Seedlessness
Related Vegetable (primary use): Watermelon



Patent Register

Version 13012022

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2013173222
EP Publication Number incl. Hyperlink: -
US or other national publication number: [US 8,629,330 \(B2\)](#)
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: METHODS AND COMPOSITIONS FOR THE INHIBITION
OF MERISTEMATIC GROWTH ON CUCURBIT
ROOTSTOCK
Trait / Characteristic: Rootstock trait
Related Vegetable (primary use): Watermelon

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2007084299
EP Publication Number incl. Hyperlink: [EP1973397 \(A1\)](#)
US or other national publication number:
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: NOVEL CUCURBITA PLANTS
Trait / Characteristic: CMV-2 resistance
Related Vegetable (primary use): Squash

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2012143391
EP Publication Number incl. Hyperlink: [EP2699080 \(A1\)](#)
US or other national publication number: US 10,351,874 (B2), US 10,717,987 (B2),
US-2020-0299718 (A1)
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: CUCURBITA PLANT RESISTANT TO POTYVIRUS
Trait / Characteristic: Potyvirus resistance
Related Vegetable (primary use): Squash



Patent Register

Version 13012022

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO 2004/013334
EP Publication Number incl. Hyperlink: [EP1525317 \(B1\)](#), [EP2302061 \(A1\)](#)
US or other national publication number: US 9,295,207 (B2), US 8,013,209 (B2),
US 10,017,780 (B2)
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: CLUBROOT RESISTANT BRASSICA OLERACEA PLANTS
Trait / Characteristic: Clubroot resistance
Related Vegetable (primary use): Brassica

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO 2011/003783
EP Publication Number incl. Hyperlink: [EP2451269 \(B2\)](#), [EP3603384 \(A1\)](#)
US or other national publication number: US 9,006,521 (B2)
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: PLANT RESISTANT TO A PATHOGEN
Trait / Characteristic: Bremia resistant lettuce
Related Vegetable (primary use): Leafy

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO 2011/036108
EP Publication Number incl. Hyperlink: [EP2480065 \(B2\)](#), [EP3556203 \(A1\)](#)
US or other national publication number: US 9,320,211 (B2)
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: BRASSICA OLERACEA PLANTS RESISTANT TO ALBUGO
CANDIDA
Trait / Characteristic: Albugo resistant Brassica
Related Vegetable (primary use): Brassica



Patent Register

Version 13012022

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO 2006/131291
EP Publication Number incl. Hyperlink:
US or other national publication number: US 7,759,550 (B2), US 8,680,365 (B2),
US 9,474,218 (B2)
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: NOVEL BRASSICA PLANTS
Trait / Characteristic: Long stem cauliflower
Related Vegetable (primary use): Brassica

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO 2012/084702
EP Publication Number incl. Hyperlink: [EP2654408 \(A1\)](#)
US or other national publication number: US 9,480,210 (B2)
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: NEW BROCCOLI PLANT AND USE THEREOF
Trait / Characteristic: Multifloret broccoli
Related Vegetable (primary use): Brassica

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO 2011/161466
EP Publication Number incl. Hyperlink: [EP2585478 \(A1\)](#)
US or other national publication number: US 9,890,422 (B2)
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: PLANT EUKARYOTIC TRANSLATION INITIATION
FACTOR 4E
Trait / Characteristic: TuMV resistant plants
Related Vegetable (primary use): Brassica



Patent Register

Version 13012022

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO 2013/127809
EP Publication Number incl. Hyperlink: [EP2820037 \(B1\)](#), [EP3689895 \(A1\)](#)
US or other national publication number: US 10,087,459 (B2), US 10,704,054 (B2),
US-2020-0291417 (A1)
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: MODULATION OF SEED VIGOR
Trait / Characteristic: Improved seed vigor in Brassica
Related Vegetable (primary use): Brassica

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO 2015/102810
EP Publication Number incl. Hyperlink: [EP3089576 \(B1\)](#)
US or other national publication number:
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: Methods and compositions for production of
watermelon fruit
Trait / Characteristic: Seedlessness
Related Vegetable (primary use): Watermelon

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2018114859
EP Publication Number incl. Hyperlink: [EP3557982 \(A1\)](#)
US or other national publication number: US-2019-0364783 (A1)
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: Prolific Flowering Watermelon
Trait / Characteristic: improved flowering
Related Vegetable (primary use): Watermelon



Patent Register

Version 13012022

ILP Member:	Syngenta Crop Protection AG
PCT Publication Number:	WO 2020/078852
EP Publication Number incl. Hyperlink:	
US or other national publication number:	
Owner – ILP Member (Applicant, if different):	Syngenta Crop Protection AG (Syngenta Participations AG), The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Center)
PCT Patent Title:	TOMATO PLANT PRODUCING FRUITS WITH MODIFIED SUGAR CONTENT
Trait / Characteristic:	Fruit sugar content
Related Vegetable (primary use):	Tomato



Patent Register

Version 13012022

ILP Member: **Takii & Co., Ltd.**
PCT Publication Number: WO2014136768
EP Publication Number incl. Hyperlink: [EP2966167A1](#)
US or other national publication number: JP6299030B
Owner – ILP Member (Applicant, if different): Takii & Co., Ltd.
PCT Patent Title: PRSV-RESISTANT CUCUMBER, AND METHOD FOR PRODUCING CUCUMBER EXHIBITING RESISTANCE TO PRSV AND ZYMV

Trait / Characteristic: PRSV Resistance
Related Vegetable (primary use): cucumber

ILP Member: **Takii & Co., Ltd.**
PCT Publication Number: WO2015002318
EP Publication Number incl. Hyperlink: [EP3018205A1](#)
US or other national publication number: US10244691B
JP6412497B
KR102206251B (KR20160027158A)
MX370991B (MX2016000159A)
Owner – ILP Member (Applicant, if different): Takii & Co., Ltd.
PCT Patent Title: ROOT-KNOT NEMATODE RESISTANCE MARKER FOR TOMATO PLANT, ROOT-KNOT NEMATODE RESISTANT TOMATO PLANT, PRODUCTION METHOD FOR ROOT-KNOT NEMATODE RESISTANT TOMATO PLANT, AND SCREENING METHOD FOR ROOT-KNOT NEMATODE RESISTANT TOMATO PLANT

Trait / Characteristic: Root-Knot Nematode Resistance
Related Vegetable (primary use): tomato

ILP Member: **Takii & Co., Ltd.**
PCT Publication Number: -
EP Publication Number incl. Hyperlink: -
US or other national publication number: JP4873774B
Owner – ILP Member (Applicant, if different): Takii & Co., Ltd.
PCT Patent Title: TOMATO GRAFT SEEDLING AND TOMATO FOR ROOTSTOCK TO BE USED FOR THE SEEDLING

Trait / Characteristic: green stem color morphological marker for grafting
Related Vegetable (primary use): tomato



Patent Register

Version 13012022

ILP Member: **Takii & Co., Ltd.**
PCT Publication Number:
EP Publication Number incl. Hyperlink: -
US or other national publication number: JP4795734B
Owner – ILP Member (Applicant, if different): Takii & Co., Ltd.
PCT Patent Title: DAUCUS CAROTA L. HAVING HIGH ANTIOXIDANT COMPONENT
Trait / Characteristic: anti-oxidation composition
Related Vegetable (primary use): carrot

ILP Member: **Takii & Co., Ltd.**
PCT Publication Number:
EP Publication Number incl. Hyperlink: -
US or other national publication number: JP4256687B
Owner – ILP Member (Applicant, if different): Takii & Co., Ltd.
PCT Patent Title: METHOD FOR GROWING NOVEL ORNAMENTAL CABBAGE VARIETY
Trait / Characteristic: glossy-leaf
Related Vegetable (primary use): ornamental kale

ILP Member: **Takii & Co., Ltd.**
PCT Publication Number:
EP Publication Number incl. Hyperlink: -
US or other national publication number: JP6153245B
Owner – ILP Member (Applicant, if different): Takii & Co., Ltd.
PCT Patent Title: BROWN SPOT-RESISTANT CUCUMBER PLANTS, AND METHOD FOR PRODUCING BROWN SPOT-RESISTANT CUCUMBER PLANTS AND POWDERY MILDEW-RESISTANT CUCUMBER PLANTS
Trait / Characteristic: Corynespora cassicola Resistance
Related Vegetable (primary use): cucumber



Patent Register

Version 13012022

ILP Member:	Takii & Co., Ltd.
PCT Publication Number:	WO2015108185
EP Publication Number incl. Hyperlink:	<u>EP3095863A</u> <u>EP3690042A (Divisional)</u>
US or other national publication number:	US11091773B (US2017002376A) JP6191996B KR20160108516A IL246179D
Owner – ILP Member (Applicant, if different):	Takii & Co., Ltd. And Incorporated Administrative Agency National Agriculture and Food Research Organization
PCT Patent Title:	Parthenocarpy regulation gene and use thereof
Trait / Characteristic:	Parthenocarpy regulation gene Polynucleotide sequence of the gene Encoded amino acid sequence of the gene Selection method of the parthenocarpy plants Method of the gene modification
Related Vegetable (primary use):	egg plant, tomato and peper

ILP Member:	Takii & Co., Ltd.
PCT Publication Number:	
EP Publication Number incl. Hyperlink:	-
US or other national publication number:	JP6718659B
Owner – ILP Member (Applicant, if different):	Takii & Co., Ltd.
PCT Patent Title:	The screening methods of late bolting parental lines of F1 varieties in Brassicaceae, and breeding methods with it.
Trait / Characteristic:	late bolting
Related Vegetable (primary use):	Brassicaceae Raphanus, Brassicaceae Brassica, Brassicaceae Sinapis



Patent Register

Version 13012022

ILP Member:	Takii & Co., Ltd.
PCT Publication Number:	WO2016/174795
EP Publication Number incl. Hyperlink:	EP3290526A1
US or other national publication number:	JP6527746 KR20170141235A
Owner – ILP Member (Applicant, if different):	Takii & Co., Ltd.
PCT Patent Title:	MARKER FOR LEAF MOLD RESISTANCE IN TOMATO PLANT, LEAF MOLD-RESISTANT TOMATO PLANT, METHOD FOR PRODUCING LEAF MOLD-RESISTANT TOMATO PLANT, AND METHOD FOR SCREENING FOR LEAF MOLD-RESISTANT TOMATO PLANT
Trait / Characteristic:	Leaf mold resistance
Related Vegetable (primary use):	tomato
<hr/>	
ILP Member:	Takii & Co., Ltd.
PCT Publication Number:	WO2017081876
EP Publication Number incl. Hyperlink:	
US or other national publication number:	JP6811526B US10772273B ES2691593B TR201806450T
Owner – ILP Member (Applicant, if different):	Takii & Co., Ltd.
PCT Patent Title:	Powdery Mildew Resistance Marker for Melon Plants, Powdery Mildew Resistant Melon Plant, and Method for Producing Powdery Mildew Resistant Melon Plant Using the Same
Trait / Characteristic:	Powdery mildew resistance
Related Vegetable (primary use):	Melon
<hr/>	
ILP Member:	Takii & Co., Ltd.
PCT Publication Number:	-
EP Publication Number incl. Hyperlink:	-
US or other national publication number:	JP6936626B (JP2017-212980A)
Owner – ILP Member (Applicant, if different):	Takii & Co., Ltd.
PCT Patent Title:	MARKER FOR Verticillium dahliae RESISTANCE IN TOMATO PLANT, Verticillium dahliae-RESISTANT TOMATO PLANT, METHOD FOR PRODUCING Verticillium dahliae-RESISTANT TOMATO PLANT, AND METHOD FOR SCREENING FOR Verticillium dahliae-RESISTANT TOMATO PLANT
Trait / Characteristic:	Verticillium dahliae resistance
Related Vegetable (primary use):	tomato



Patent Register

Version 13012022

ILP Member:	Takii & Co., Ltd.
PCT Publication Number:	WO2019026924
EP Publication Number incl. Hyperlink:	<u>EP3663402A</u>
US or other national publication number:	JP6306252B CN109661478A KR102156692B (KR20190045190A) CA3070721A MX2019002442A NZ750792A
Owner – ILP Member (Applicant, if different):	Takii & Co., Ltd.
PCT Patent Title:	POWDERY MILDEW RESISTANCE MARKER OF CUCURBITA MAXIMA, POWDERY-MILDEW-RESISTANT CUCURBITA MAXIMA, METHOD FOR PRODUCING POWDERY-MILDEW-RESISTANT CUCURBITA MAXIMA IN WHICH SAME IS USED, AND METHOD FOR IMPARTING POWDERY MILDEW RESISTANCE TO CUCURBITA MAXIMA
Trait / Characteristic:	Powdery mildew resistance
Related Vegetable (primary use):	Pumpkin
