



Patent Register

Version 05102021-v2

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ILP Vegetable Member:	Publication Number	Change:	Page:
Bejo Zaden BV	US20200029523	Change in PCT, EP and US publication numbers	6
Enza Zaden Beheer B.V.	WO2020035145	US publication number added	17
KWS Saat & Co. KGaA	WO2017081187A1	Change in US and national publication numbers	19
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	US20210095306	New patent	22
Limagrain	WO2017081205	US publication numbers added	28
	WO2018219941 (A1)	US publication numbers added	29
	WO2017114848	US publication numbers added	29
	WO2018220136	US publication number added	30
	WO2020030804	EP publication number changed	30
	WO2020249798 WO2020249996	New patent	30
	WO2020254655 WO2020254850	New patent	31
	WO2021019069 WO2021019272	New patent	31
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	WO2017/017108	New patent	31
	US20210185962 A1	New patent	32
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Nunhems B.V.	WO2016066748	Additional EP publication number	38
	WO2018060444	Change in US publication number	39
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	WO2019238832	New US publication number	41
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	WO2021165091 (A1)	New patent	42



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Rijk Zwaan	WO2020025632	US publication number added	60
	WO2020025631	US publication number added	60
	WO2021180949	New patent	62
	WO2021170868	New patent	63
	WO2021170850	New patent	63
Sakata	WO2020013190A1	US publication number added	65
	WO2019050042A1	EP publication number added	66
Takii & Co., Ltd.	WO2015108185	Change in US publication number	79
	JP6936626B	Change in JP publication nuember	80



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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 ~~WO2014131857~~
EP Publication Number incl. Hyperlink: N/A ~~EP2961263~~
US or other national publication number: [US20200029523](#)
~~US10,575,479~~
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

International Licensing Platform Vegetable

Patent Register – Version 05102021-v2

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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 US20200253145
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
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
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:	
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: [EP3094722A1](#)
US or other national publication number: US 2016333370 A1
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](#)
US or other national publication number: US20170314039A1
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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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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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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ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: n/a
EP Publication Number incl. Hyperlink:
US or other national publication number: [US2019191652A1](#)
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: [US2021238626A1](#)
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: 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: [WO2020125925A1](#)
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



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Version 05102021-v2

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: [WO2020125928A1](#)
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: [WO2020239572A1](#)
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: [WO2020239186A1](#)
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
EP Publication Number incl. Hyperlink: [EP3793347](#)
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 05102021-v2

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
AU2016354078

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
AU2016354080

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 05102021-v2

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 05102021-v2

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)



Patent Register

Version 05102021-v2

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 <i>Albugo occidentalis</i> and <i>Peronospora farinose</i>
Trait / Characteristic:	White rust and downy mildew resistance
Related Vegetable (primary use):	Spinach



Patent Register

Version 05102021-v2

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 05102021-v2

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 05102021-v2

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 05102021-v2

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 05102021-v2

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 05102021-v2

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 05102021-v2

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 05102021-v2

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:
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 05102021-v2

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

International Licensing Platform Vegetable

Patent Register – Version 05102021-v2

Telephone: +31 70 318 00 35

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



Patent Register

Version 05102021-v2

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



Patent Register

Version 05102021-v2

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 05102021-v2

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 05102021-v2

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



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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



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Version 05102021-v2

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 05102021-v2

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 05102021-v2

Telephone: +31 70 318 00 35

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



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Version 05102021-v2

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: US10306850 (B2)
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: **US2019300900 (A1)**
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



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Version 05102021-v2

ILP Member:	Nunhems B.V.
PCT Publication Number:	WO2018193044
EP Publication Number incl. Hyperlink:	EP3612018 (A1)
US or other national publication number:	US2020040355 (A1) US11111502 (B2)
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
<hr/>	
ILP Member:	Nunhems B.V.
PCT Publication Number:	WO2019034364
EP Publication Number incl. Hyperlink:	EP3668307 (A1)
US or other national publication number:	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
<hr/>	
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
<hr/>	
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



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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:	
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:	
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



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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



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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



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Version 05102021-v2

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



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Version 05102021-v2

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



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Version 05102021-v2

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



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Version 05102021-v2

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



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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



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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 Thatshow 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



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Version 05102021-v2

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



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Version 05102021-v2

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 05102021-v2

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 05102021-v2

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 05102021-v2

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 05102021-v2

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 05102021-v2

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 05102021-v2

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 05102021-v2

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 05102021-v2

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 05102021-v2

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:
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



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Version 05102021-v2

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 05102021-v2

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 05102021-v2

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



Patent Register

Version 05102021-v2

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 05102021-v2

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 05102021-v2

<p>ILP Member:</p> <p>PCT Publication Number:</p> <p>EP Publication Number incl. Hyperlink:</p> <p>US or other national publication number:</p> <p>Owner – ILP Member (Applicant, if different):</p> <p>PCT Patent Title:</p> <p>Trait / Characteristic:</p> <p>Related Vegetable (primary use):</p>	<p>Sakata Seed Corporation</p> <p>WO2019163954A1</p> <p>EP3756454A1</p> <p>US20210051873A1</p> <p>CN112118731A</p> <p>BR112020017157A2</p> <p>IN202017040915A</p> <p>Sakata Seed Corporation</p> <p>Self-compatible brassica oleracea plant and method for growing same</p> <p>Self-compatible</p> <p>Broccoli</p>
<p>ILP Member:</p> <p>PCT Publication Number:</p> <p>EP Publication Number incl. Hyperlink:</p> <p>US or other national publication number:</p> <p>Owner – ILP Member (Applicant, if different):</p> <p>PCT Patent Title:</p> <p>Trait / Characteristic:</p> <p>Related Vegetable (primary use):</p>	<p>Sakata Seed Corporation</p> <p>WO2019050042A1</p> <p style="background-color: yellow;">EP3682732A1</p> <p>CL2020000609A1</p> <p>Sakata Seed Corporation</p> <p>Downy mildew resistant cabbage and cultivation method therefor</p> <p>Downy mildew resistant</p> <p>Cabbage</p>
<p>ILP Member:</p> <p>PCT Publication Number:</p> <p>EP Publication Number incl. Hyperlink:</p> <p>US or other national publication number:</p> <p>Owner – ILP Member (Applicant, if different):</p> <p>PCT Patent Title:</p> <p>Trait / Characteristic:</p> <p>Related Vegetable (primary use):</p>	<p>Sakata Seed Corporation</p> <p>WO2020077224A1</p> <p>US20200115720A1</p> <p>SAKATA SEED AMERICA INC.(applicant)</p> <p>Method of combining fusarium resistance and pepper</p> <p>Fusarium resistant pepper</p> <p>Pepper</p>
<p>ILP Member:</p> <p>PCT Publication Number:</p> <p>EP Publication Number incl. Hyperlink:</p> <p>US or other national publication number:</p> <p>Owner – ILP Member (Applicant, if different):</p> <p>PCT Patent Title:</p> <p>Trait / Characteristic:</p> <p>Related Vegetable (primary use):</p>	<p>Sakata Seed Corporation</p> <p>-</p> <p>-</p> <p>TW202107981A</p> <p>Sakata Seed Corporation</p> <p>CMS lectuca species plant modified in low temperature growth</p> <p>Cytoplasmic male sterility</p> <p>Lettuce</p>



Patent Register

Version 05102021-v2

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 05102021-v2

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



Patent Register

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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

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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



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Version 05102021-v2

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



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Version 05102021-v2

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



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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



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Version 05102021-v2

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 05102021-v2

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



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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 05102021-v2

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

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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 cassiicola Resistance
Related Vegetable (primary use): cucumber



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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



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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
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ILP Member:	Takii & Co., Ltd.
PCT Publication Number:	WO2017081876
EP Publication Number incl. Hyperlink:	
US or other national publication number:	JP2017-86016A
	US10772273B (US20180325057A)
	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
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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



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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
