



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 76 98 44

Classification of the application (IPC):
A01N 63/00, A01P 21/00

Technical fields searched (IPC):
A01N

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y	US 2015223470 A1 (RODRIGUEZ QUINTERO JOSE ALEJANDRO [CO]) 13 August 2015 (2015-08-13) * the claims; the abstract, paragraphs 38-50, 59-72, 83-109, 115-146, 152-161 and the examples: in particular, tables 11-14 and 18 *	1-3, 6-15 1-3, 6-15
X Y	US 2015223468 A1 (RODRIGUEZ QUINTERO JOSE ALEJANDRO [CO]) 13 August 2015 (2015-08-13) * the claims; the abstract; paragraphs 38-50, 59-66, 77-79, 86-90, 102-110, 117-147, and the examples: in particular, tables 11-14 and 18 *	1-3, 6-15 1-3, 6-15
X Y	US 2015223469 A1 (RODRIGUEZ QUINTERO JOSE ALEJANDRO [CO]) 13 August 2015 (2015-08-13) * the claims; the abstract; paragraphs 38-50, 59-66, 77-79, 86-90, 95-110, 116-147, and the examples: in particular, tables 11-14 and 18 *	1-3, 6-15 1-3, 6-15
X Y	WO 2015120472 A1 (IBEX BIONOMICS LLC) 13 August 2015 (2015-08-13) * the claims, the abstract; pages 14-21; page 25, lines 17-22; page 26; page 27, first paragraph; page 28, last paragraph, pages 29-34, and the examples: in particular, tables 11-14 and 18 *	1-3, 6-15 1-3, 6-15
X	STEVE DIVER: "Byodynamic Farming and Compost Preparation" <i>ALTERNATIVE FARMING SYTEMS GUIDE</i> , 01 January 1999 (1999-01-01), vol. 20, page 1, XP055615298 * pages 1-11 *	1-3, 6-15
Y	US 2006166825 A1 (GOULET DAVID [US]) 27 July 2006 (2006-07-27) * the claims; the examples and paragraph 27 *	1, 2, 6-15

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search Munich	Date of completion of the search 28 August 2019	Examiner Lorenzo Varela, M
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CATEGORY OF CITED DOCUMENTS

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DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	DAVARYNEJAD G H ED - AK B E (ED) : "Application of urea as a post-emergence herbicide for pistachio orchards", 01 January 2001 (2001-01-01), pages 265-266 URL: http://om.ciheam.org/om/pdf/c56/01600188.pdf , XP002728114 * the whole document *	1, 14, 15
X	US 2003186852 A1 (HEINS SHERRY DARLENE [US] ET AL) 02 October 2003 (2003-10-02) * the claims and the examples *	1-3, 6-15
Y		1-3, 6-15
Y	US 4808207 A (GOTLIEB ALAN R [US] ET AL) 28 February 1989 (1989-02-28) * the claims and the examples *	1-3, 6-15
X	M. I. El-Metwally ET AL : "Effect of Adding Urea or Ammonium Sulphate on some Herbicides Efficiency in Controlling Weeds in Onion Plants" <i>Journal of American Science Journal of American Science</i> , 01 January 2010 (2010-01-01) URL: http://www.jofamericanscience.org/journals/am-sci/am0611/85_3871am0611_536_543.pdf [retrieved on 27 August 2019 (2019-08-27)] XP055615681 * the whole document *	1, 14, 15
X	WO 9701282 A1 (ABBOTT LAB [US]) 16 January 1997 (1997-01-16)	1-3, 6-15
Y	* the claims and example 1 *	1-3, 6-15

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

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LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 3, 6-13(completely); 1, 2, 14, 15(all partially)

1) A herbicidal enhancer composition comprising a mixture of: (a) a fermentation product of one or more of red beans, peas, yellow corn, white corn, white rice, yucca, potatoes, manioc root, starch from vegetables sources, inorganic minerals, non-iodized sea salt, urea or another equivalent nitrogen source, biodynamic water and an inoculum selected from bacillus microorganisms or spores and yeast; and (b) an essential oil selected from banana oil, cinnamon oil, coconut oil, vanilla oil and mixtures thereof; and urea or another equivalent nitrogen source; possibly further comprising certain plant material extracts; 2) a herbicidal composition comprising (a) 1-99% by weight of the mentioned enhancer comprising the plant material extracts; and (b) 1-99% by weight of an herbicide; 3) a method of controlling weeds with certain chemical agents and fermentation products; 4) a herbicidal composition comprising certain chemical herbicides and fermentation products.

2. claims: 4(completely); 1, 2, 14, 15(all partially)

1) An agricultural insecticidal/acaricidal/miticidal enhancer composition comprising a mixture of: (a) a fermentation product of one or more of red beans, peas, yellow corn, white corn, white rice, yucca, potatoes, manioc root, starch from vegetables sources, inorganic minerals, non-iodized sea salt, urea or another equivalent nitrogen source, biodynamic water and an inoculum selected from bacillus microorganisms or spores and yeast; and (b) an essential oil selected from banana oil, cinnamon oil, coconut oil, vanilla oil and mixtures thereof; and urea or another equivalent nitrogen source; possibly further comprising certain plant material extracts; 2) an agricultural insecticidal/acaricidal/miticidal composition comprising (a) 1-99% by weight of the mentioned enhancer comprising the plant material extracts; and (b) 1-99% by weight of an insecticide/acaricide/miticide.

3. claims: 1, 2, 5, 14, 15(all partially)

1) An agricultural fungicidal enhancer composition comprising a mixture of: (a) a fermentation product of one or more of red beans, peas, yellow corn, white corn, white rice, yucca, potatoes, manioc root, starch from vegetables sources, inorganic minerals, non-iodized sea salt, urea or another equivalent nitrogen source, biodynamic water and an inoculum selected from bacillus microorganisms or spores and yeast; and (b) an essential oil selected from banana oil, cinnamon oil, coconut oil, vanilla oil and mixtures thereof; and urea or another equivalent nitrogen source; possibly further comprising certain plant material extracts; 2) an agricultural fungicidal composition comprising (a) 1-99% by weight of the mentioned enhancer comprising the plant material extracts; and (b) 1-99% by weight of a fungicide.

4. claims: 1, 2, 14, 15(all partially)

1) An agricultural nematocidal enhancer composition comprising a mixture of: (a) a fermentation product of one or more of red beans, peas, yellow corn, white corn, white rice, yucca, potatoes, manioc root, starch from vegetables sources, inorganic minerals, non-iodized sea salt, urea or another equivalent nitrogen source, biodynamic water and an inoculum selected from bacillus microorganisms or spores and yeast; and (b) an essential oil selected from banana oil, cinnamon oil, coconut oil, vanilla oil and mixtures thereof; and urea or another equivalent nitrogen source; possibly further comprising certain plant material extracts; 2) an agricultural nematocidal composition comprising (a) 1-99% by weight of the mentioned enhancer comprising the plant material extracts; and (b) 1-99% by weight of a nematocide.

5. claims: 1, 2, 14, 15(all partially)

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

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LACK OF UNITY OF INVENTION

1) An agricultural rodenticidal enhancer composition comprising a mixture of: (a) a fermentation product of one or more of red beans, peas, yellow corn, white corn, white rice, yucca, potatoes, manioc root, starch from vegetables sources, inorganic minerals, non-iodized sea salt, urea or another equivalent nitrogen source, biodynamic water and an inoculum selected from bacillus microorganisms or spores and yeast; and (b) an essential oil selected from banana oil, cinnamon oil, coconut oil, vanilla oil and mixtures thereof; and urea or another equivalent nitrogen source; possibly further comprising certain plant material extracts; 2) an agricultural rodenticidal composition comprising (a) 1-99% by weight of the mentioned enhancer comprising the plant material extracts; and (b) 1-99% by weight of a rodenticide.

6. claims: 1, 2, 5, 14, 15(all partially)

1) An agricultural bactericidal enhancer composition comprising a mixture of: (a) a fermentation product of one or more of red beans, peas, yellow corn, white corn, white rice, yucca, potatoes, manioc root, starch from vegetables sources, inorganic minerals, non-iodized sea salt, urea or another equivalent nitrogen source, biodynamic water and an inoculum selected from bacillus microorganisms or spores and yeast; and (b) an essential oil selected from banana oil, cinnamon oil, coconut oil, vanilla oil and mixtures thereof; and urea or another equivalent nitrogen source; possibly further comprising certain plant material extracts; 2) an agricultural bactericidal composition comprising (a) 1-99% by weight of the mentioned enhancer comprising the plant material extracts; and (b) 1-99% by weight of a bactericide.

7. claims: 1, 2, 14, 15(all partially)

1) An agricultural molluscicidal enhancer composition comprising a mixture of: (a) a fermentation product of one or more of red beans, peas, yellow corn, white corn, white rice, yucca, potatoes, manioc root, starch from vegetables sources, inorganic minerals, non-iodized sea salt, urea or another equivalent nitrogen source, biodynamic water and an inoculum selected from bacillus microorganisms or spores and yeast; and (b) an essential oil selected from banana oil, cinnamon oil, coconut oil, vanilla oil and mixtures thereof; and urea or another equivalent nitrogen source; possibly further comprising certain plant material extracts; 2) an agricultural molluscicidal composition comprising (a) 1-99% by weight of the mentioned enhancer comprising the plant material extracts; and (b) 1-99% by weight of a molluscicide.

8. claims: 1, 2, 14, 15(all partially)

1) An agricultural bird repellent enhancer composition comprising a mixture of: (a) a fermentation product of one or more of red beans, peas, yellow corn, white corn, white rice, yucca, potatoes, manioc root, starch from vegetables sources, inorganic minerals, non-iodized sea salt, urea or another equivalent nitrogen source, biodynamic water and an inoculum selected from bacillus microorganisms or spores and yeast; and (b) an essential oil selected from banana oil, cinnamon oil, coconut oil, vanilla oil and mixtures thereof; and urea or another equivalent nitrogen source; possibly further comprising certain plant material extracts; 2) an agricultural bird repellent composition comprising (a) 1-99% by weight of the mentioned enhancer comprising the plant material extracts; and (b) 1-99% by weight of a bird repellent.

None of the further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the first mentioned in the claims, namely claims: 3, 6-13(completely); 1, 2, 14, 15(partially)

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search Munich	Date of completion of the search 28 August 2019	Examiner Lorenzo Varela, M
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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2015223470	A1	13-08-2015	NONE		
US 2015223468	A1	13-08-2015	NONE		
US 2015223469	A1	13-08-2015	NONE		
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			WO	0029426 A1	25-05-2000
US 4808207	A	28-02-1989	NONE		



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