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- **Miyake, Yuki**
Niigata, Niigata (JP)
- **Ishibashi, Naoki**
Niigata, Niigata (JP)
- **Fukumoto, Takehiko**
Niigata, Niigata (JP)

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(74) Representative: **van Kooij, Adriaan**
Arnold & Siedsma
Sweelickplein 1
2517 GK Den Haag (NL)

(71) Applicant: **Shin-Etsu Chemical Co., Ltd.**
Tokyo (JP)

(72) Inventors:

- **Mochizuki, Fumiaki**
Niigata, Niigata (JP)

(54) **Method for disrupting mating of Tuta absoluta**

(57) Provided is a method for disrupting mating of or controlling Tuta absoluta, a major tomato insect pest, by using a synthetic sex pheromone. Specifically, provided is a method for disrupting mating of Tuta absoluta comprising at least a step of releasing (E3, Z8, Z11)-3,8,11-

tetradecatrienyl acetate into a space in which a density of the Tuta absoluta adults is 20 to 400 insects per 250 tomato plants and into which an invasion of Tuta absoluta adults from outside is prevented.

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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	P NÚÑEZ ET AL: "Feromonas sexuales para el control de la polilla del tomate Tuta absoluta (Meyrick) (Lep., Gelechiidae)", AGROCIENCIA, vol. 13, no. 1, 1 September 2009 (2009-09-01), pages 27-35, XP055063444, * pages 29-33 *	1,2	INV. A01N37/06 A01P7/02 A01M1/02
X	----- NAVARRO LLOPIS: "Aplicacion de la confusion sexual al control de la polilla del tomate Tuta absoluta Povolny", PHYTOMA ESPANA, vol. 217, 30 March 2010 (2010-03-30), pages 51-53, XP009169889, ISSN: 1131-8988 * "Introduction"; page 51 * * page 52; figure 2 * * "Conclusiones"; page 53 *	1,3	
X	----- ANTONIO MONSERRA DELGADO ET AL: "La polilla del tomate "tuta absoluta" en la Región de Murcia: Bases para su control", SERIE TÉCNICA Y DE ESTUDIOS, vol. 34, 28 May 2009 (2009-05-28), pages 1-112, XP055063303, * pages 64-65 * * pages 68-69; figure 9; table XXI * ----- -/--	1-3	TECHNICAL FIELDS SEARCHED (IPC) A01N A01M
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 27 May 2013	Examiner Sawicki, Marcin
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X,D	MIGUEL MICHEREFF FILHO ET AL: "Initial Studies of Mating Disruption of the Tomato Moth, Tuta absoluta (Lepidoptera: Gelechiidae) Using Synthetic Sex Pheromone", JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY, vol. 11, no. 6, 27 November 2000 (2000-11-27), pages 621-628, XP055063127, ISSN: 0103-5053, DOI: http://dx.doi.org/10.1590/S0103-50532000000600011 * abstract *	1-3	
			TECHNICAL FIELDS SEARCHED (IPC)
The present search report has been drawn up for all claims			
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