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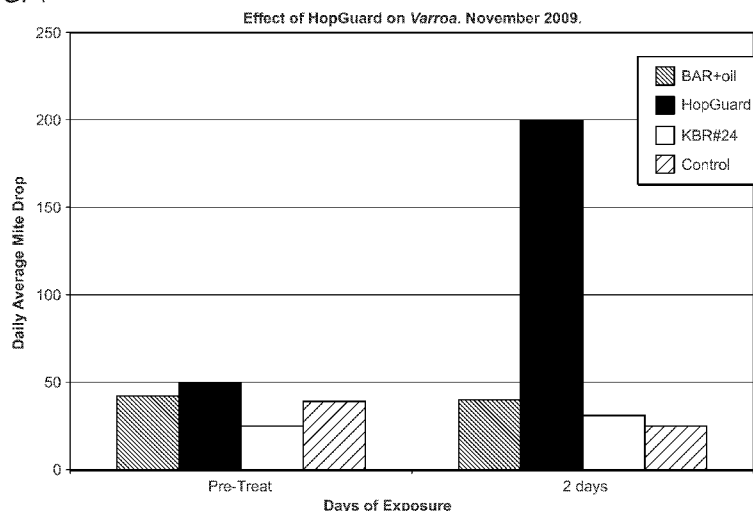
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(54) Title: COMPOSITIONS AND METHODS FOR CONTROLLING A HONEY BEE PARASITIC MITE INFESTATION

FIG. 1



(57) Abstract: As described below, the present invention features methods and compositions for controlling a honey bee parasitic mite or for the treatment or prevention of a parasitic mite infestation in a honey bee hive. In particular embodiments, the invention provides a miticidal delivery device, wherein the device is a strip comprising at least about 15% potassium salts of hop beta acids, solvent and an emulsifier.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2012/040907**A. CLASSIFICATION OF SUBJECT MATTER***A01N 59/00(2006.01)i, A01N 25/02(2006.01)i, A01K 51/00(2006.01)i, A01P 5/00(2006.01)i*

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A01N 59/00; A01K 47/00; A01N 65/10; A01K 47/06; A01K 51/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: beta acid, honey bee

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2008-0026673 A1 (GENE PROBASCO) 31 January 2008 See abstract; paragraphs [0008]-[0014], [0017], [0074].	1-23
A	WO 2008-060591 A2 (HAAS, JOHN, I. et al.) 22 May 2008 See abstract; pages 2-5, 18, 20-26; whole claims.	1-23
A	WO 2007-037905 A2 (MANN LAKE, LTD. et al.) 05 April 2007 See abstract; pages 2-7; whole claims.	1-23
A	WO 2010-131058 A1 (VON BARTHELDNE ABRI, JUDIT et al.) 18 November 2010 See abstract; pages 1-9; whole claims.	1-23

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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