

Title (en)
Method for separating Coumafos from beeswax

Title (de)
Verfahren zur Abtrennung von Coumafos aus Bienenwachs

Title (fr)
Procédé d'élimination de Coumaphos de la cire d'abeille

Publication
EP 1260573 A1 20021127 (DE)

Application
EP 02010146 A 20020513

Priority
DE 10125431 A 20010525

Abstract (en)
Removal of coumafos (I) from beeswax, by adsorption on activated carbon and filtration under pressure, is carried out by: (i) melting the wax; (ii) adding 5 g of powdered activated carbon per litre of liquid wax; (iii) forming a homogeneous suspension; (iv) allowing the suspension to stand for a pre-determined contact time; and (v) filtering in a pressure filter at a pressure difference of the filter medium of at least 1 bar. Removal of coumafos (I) from beeswax, by adsorption on activated carbon and filtration under pressure, is carried out by: (i) melting the wax; (ii) adding at least 5 g of powdered activated carbon per litre of liquid wax; (iii) forming a homogeneous suspension; (iv) allowing the suspension to stand for a pre-determined contact time; and (v) filtering in a pressure filter at a pressure difference of the filter medium of at least 1 bar.

Abstract (de)
Es wird ein Verfahren zur Abtrennung von Coumafos (O,O'-Diethyl-O''-(3-chlor-4-methyl-7-cumarinyl)-thiophosphat) aus Bienenwachs durch Adsorption an Aktivkohle und anschließender Druckfiltration beschrieben.

IPC 1-7
C11B 11/00; B01D 15/00; C07B 63/00; C07C 7/12; C07C 27/26; C11B 3/10

IPC 8 full level
B01D 15/00 (2006.01); **C07B 63/00** (2006.01); **C07C 7/12** (2006.01); **C07C 27/26** (2006.01); **C11B 3/10** (2006.01); **C11B 11/00** (2006.01)

CPC (source: EP US)
C11B 11/00 (2013.01 - EP US)

Citation (search report)
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