

Title (en)

FOOD GRADE WAX AND PROCESS FOR PREPARING SAME

Title (de)

WACHS VON LEBENSMITTELQUALITÄT SOWIE VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

CIRE DE QUALITE ALIMENTAIRE ET SON PROCEDE DE PREPARATION

Publication

EP 0975716 A4 20021009 (EN)

Application

EP 98912160 A 19980407

Priority

- AU 9800234 W 19980407
- AU PO605097 A 19970407

Abstract (en)

[origin: WO9845390A1] The invention provides a wax composition which can be used in comestibles. The wax composition is obtained from sugar cane and comprises wax esters, aldehydes, tri-glycerides, alcohols, free fatty acids, sterols and polar lipids. A process for preparing a wax composition from crude sugar cane wax, the process comprising the steps of: (i) heating a solution of the crude wax with a lower alcohol as solvent at the boiling point of the solvent; (ii) allowing phase separation of the solution from (i) and decanting the upper phase while hot; (iii) allowing the separated phase from (ii) to cool and separating crystallised wax from the solvent; (iv) repeating steps (i) to (iii) using the wax from (iii) until all pitch has been removed from the wax; (v) heating the wax to between 90 and 140 DEG C and oxidising molten wax with oxidising material; and (vi) continuing the heating under and inert gas on completion of the oxidation step until intermediate peroxide products are removed.

IPC 1-7

C11B 11/00; C08L 91/06; A23D 9/00; A23D 9/02

IPC 8 full level

A23D 9/00 (2006.01); **A23C 19/16** (2006.01); **A23D 9/007** (2006.01); **A23D 9/02** (2006.01); **A23G 3/34** (2006.01); **A23G 4/00** (2006.01); **A23G 4/06** (2006.01); **A23G 4/08** (2006.01); **A23L 1/00** (2006.01); **A23P 20/10** (2016.01); **C08L 91/06** (2006.01); **C11B 11/00** (2006.01); **C11C 3/00** (2006.01)

CPC (source: EP)

A23C 19/163 (2013.01); **A23D 9/007** (2013.01); **A23G 3/346** (2013.01); **A23G 4/066** (2013.01); **A23G 4/068** (2013.01); **A23G 4/08** (2013.01); **A23P 20/11** (2016.07); **C11B 11/00** (2013.01); **A23G 2200/08** (2013.01)

C-Set (source: EP)

A23G 3/346 + **A23G 2200/08**

Citation (search report)

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- [A] US 2703807 A 19550308 - WILDER EDWARD A, et al
- [A] DE 2855263 A1 19800626 - HOECHST AG
- [A] PATENT ABSTRACTS OF JAPAN vol. 014, no. 322 (C - 0739) 10 July 1990 (1990-07-10)
- See references of WO 9845390A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9845390 A1 19981015; AU PO605097 A0 19970501; BR 9808103 A 20000308; CA 2286121 A1 19981015; CN 1085244 C 20020522; CN 1252090 A 20000503; CU 22832 A3 20030129; EP 0975716 A1 20000202; EP 0975716 A4 20021009; HK 1026710 A1 20001222; JP 2001521562 A 20011106

DOCDB simple family (application)

AU 9800234 W 19980407; AU PO605097 A 19970407; BR 9808103 A 19980407; CA 2286121 A 19980407; CN 98803932 A 19980407; CU 1999138 A 19990917; EP 98912160 A 19980407; HK 00105909 A 20000920; JP 54214898 A 19980407