

Title (en)
ALEURONE PRODUCT AND CORRESPONDING PRODUCTION METHOD

Title (de)
ALEURONPRODUKT UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)
PRODUIT ALEURONE ET PROCEDE DE PRODUCTION ASSOCIE

Publication
EP 1594367 A1 20051116 (DE)

Application
EP 04701568 A 20040113

Priority
• CH 2004000012 W 20040113
• DE 10307401 A 20030220
• DE 10320076 A 20030505

Abstract (en)
[origin: WO2004073416A1] The invention relates to an aleurone product comprising particles originating from the aleurone cells of cereal, in particular the aleurone cells of wheat. The invention is characterised in that the particles originating from the cereal aleurone cells are finely ground with a diameter of up to 500 µm as the longest dimension. The inventive aleurone product is produced as follows: preparation of bran, in particular wheat bran, which consists of aleurone constituents and non-aleurone constituents; separation of the aleurone constituents from the non-aleurone constituents to obtain a blend of aleurone constituents and non-aleurone constituents; adjustment of the humidity of the blend to achieve a value of 10-20 wt % water; and fine grinding (micro-grinding) of the blend by means of a friction roller mill comprising at least one roller pair, whose rollers are operated with different surface speeds and are pressed against one another.

IPC 1-7
A23L 1/10

IPC 8 full level
A23K 1/00 (2006.01); **A23K 1/14** (2006.01); **A23L 7/10** (2016.01)

CPC (source: EP US)
A23K 10/30 (2016.05 - EP US); **A23K 40/10** (2016.05 - EP US); **A23L 7/115** (2016.07 - EP US); **A23L 7/198** (2016.07 - EP US)

Citation (search report)
See references of WO 2004073416A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004073416 A1 20040902; **WO 2004073416 B1 20041021**; AU 2004212654 A1 20040902; CA 2515342 A1 20040902; EP 1594367 A1 20051116; JP 2006518195 A 20060810; MX PA05008545 A 20060127; RU 2005129280 A 20060210; RU 2335142 C2 20081010; US 2006177529 A1 20060810

DOCDB simple family (application)
CH 2004000012 W 20040113; AU 2004212654 A 20040113; CA 2515342 A 20040113; EP 04701568 A 20040113; JP 2006501439 A 20040113; MX PA05008545 A 20040113; RU 2005129280 A 20040113; US 54625405 A 20050819