

Title (en)
DEVICE FOR SEPARATING GRANULAR MATERIAL

Title (de)
VORRICHTUNG ZUM TRENNEN VON KÖRNIGEM GUT

Title (fr)
DISPOSITIF POUR SEPARER UNE MATIERE GRANULEUSE

Publication
EP 1809426 A1 20070725 (DE)

Application
EP 05775622 A 20050908

Priority

- CH 2005000535 W 20050908
- DE 102004054275 A 20041109

Abstract (en)
[origin: WO2006050619A1] The invention relates to a device for separating granular material, especially a light grain selector for cereal crops or similar, comprising a sieve cage with at least two sieve layers that are provided with perforated plates. The sieve layers can be penetrated by air from below. The sieve cage is equipped with at least one oscillating drive unit while each sieve layer (2 to 5) encompasses a final separation zone.

IPC 8 full level
B07B 4/08 (2006.01); **B07B 13/08** (2006.01)

CPC (source: EP US)
B03B 4/02 (2013.01 - EP US); **B07B 1/4636** (2013.01 - EP US); **B07B 4/08** (2013.01 - EP US); **B07B 13/08** (2013.01 - EP US); **B07B 2201/04** (2013.01 - EP US)

Citation (search report)
See references of WO 2006050619A1

Cited by
CN110152986A

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

DOCDB simple family (publication)
DE 102004054275 A1 20060511; AR 052647 A1 20070328; AU 2005304240 A1 20060518; BR PI0517626 A 20081014; CN 101056717 A 20071017; CN 101056717 B 20120704; EP 1809426 A1 20070725; MX 2007005063 A 20070625; TW 200624184 A 20060716; US 2008087581 A1 20080417; WO 2006050619 A1 20060518; ZA 200703025 B 20080430

DOCDB simple family (application)
DE 102004054275 A 20041109; AR P050104686 A 20051109; AU 2005304240 A 20050908; BR PI0517626 A 20050908; CH 2005000535 W 20050908; CN 200580038239 A 20050908; EP 05775622 A 20050908; MX 2007005063 A 20050908; TW 94138227 A 20051101; US 66593305 A 20050908; ZA 200703025 A 20070412