

Title (en)  
Device for separating coarse and fine particles

Title (de)  
Vorrichtung zum Trennen von Grobkorn und Feinkorn

Title (fr)  
Dispositif pour séparer des particules fines et grosses

Publication  
**EP 1400288 B1 20090722 (DE)**

Application  
**EP 03450192 A 20030829**

Priority  
AT 14082002 A 20020919

Abstract (en)  
[origin: EP1400288A2] The grain separator has a sifting screen (2) comprising spaced screen bars (3) connected at one end to a support (4). The bar-like support is mounted in a frame (6) where it is rotationally elastic about its longitudinal axis which runs transversely to the screen bars which are arranged in at least two rows set one behind the other in the conveyor direction (2) of the coarse grain. The screen bars engage round the support round 90 degrees and are held on the support by a profile which holds the bars between it and the support.

IPC 8 full level  
**B07B 1/12** (2006.01); **B07B 13/16** (2006.01)

CPC (source: EP US)  
**B07B 1/12** (2013.01 - EP US); **B07B 13/16** (2013.01 - EP US)

Cited by  
WO2009004278A3

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DOCDB simple family (publication)  
**EP 1400288 A2 20040324; EP 1400288 A3 20061102; EP 1400288 B1 20090722**; AT 411577 B 20040325; AT A14082002 A 20030815; DE 50311724 D1 20090903; JP 2004105965 A 20040408; US 2004074815 A1 20040422; US 7011217 B2 20060314

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**EP 03450192 A 20030829**; AT 14082002 A 20020919; DE 50311724 T 20030829; JP 2003355646 A 20030909; US 66484103 A 20030918