

Title (en)
SIFTING DEVICE

Title (de)
SIEBVORRICHTUNG

Title (fr)
DISPOSITIF CRIBLEUR

Publication
EP 1480763 A1 20041201 (DE)

Application
EP 02778981 A 20021030

Priority
• AT 0200303 W 20021030
• AT 9242001 U 20011129

Abstract (en)
[origin: WO03045587A1] The invention relates to a sifting device comprising a sieve box which is moved in oscillation by means of a drive (4), as a basic oscillation system having first horizontal, transversal carriers (1.3), and an additional oscillation system (2) which is fixed to the sieve box (1) and has second horizontal, transversal carriers (2.3) which are arranged parallel to said first transversal carriers. Said horizontal, second transversal carriers are respectively arranged between two first transversal carriers (1.3) and are connected to the same by means of extensible sieve lining strips (3). In the case of two successive transversal carriers, the transversal carrier which is located nearer to the feeding side (A) is positioned higher than the following transversal carrier which is nearer to the discharge side (B). The sifting device is provided with at least two sections, the difference in height between the centres of gravity of two successive transversal carriers (1.3, 2.3) being larger in the section on the feeding side than in the section on the discharge side.

IPC 1-7
B07B 1/28; **B07B 1/46**

IPC 8 full level
B07B 1/28 (2006.01); **B07B 1/42** (2006.01); **B07B 1/46** (2006.01); **B07B 1/48** (2006.01)

CPC (source: EP KR US)
B07B 1/28 (2013.01 - EP KR US); **B07B 1/46** (2013.01 - EP KR US); **B07B 1/485** (2013.01 - EP US)

Citation (search report)
See references of WO 03045587A1

Cited by
EP3409382A1

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

DOCDB simple family (publication)
WO 03045587 A1 20030605; AT E327836 T1 20060615; AU 2002342378 A1 20030610; AU 2002342378 B2 20080306; CA 2468075 A1 20030605; CA 2468075 C 20100824; CN 1256187 C 20060517; CN 1596158 A 20050316; DE 50207040 D1 20060706; DK 1480763 T3 20061002; EP 1480763 A1 20041201; EP 1480763 B1 20060531; ES 2266589 T3 20070301; JP 2005509519 A 20050414; JP 4417718 B2 20100217; KR 100961292 B1 20100604; KR 20040062656 A 20040707; US 2005077214 A1 20050414; US 7195121 B2 20070327; ZA 200404010 B 20050831

DOCDB simple family (application)
AT 0200303 W 20021030; AT 02778981 T 20021030; AU 2002342378 A 20021030; CA 2468075 A 20021030; CN 02823813 A 20021030; DE 50207040 T 20021030; DK 02778981 T 20021030; EP 02778981 A 20021030; ES 02778981 T 20021030; JP 2003547079 A 20021030; KR 20047008135 A 20021030; US 49733104 A 20040601; ZA 200404010 A 20040524