

Title (en)

Device for sorting, subdividing of a fraction or of mixed arbitrary fractions

Title (de)

Vorrichtung zur Sortierung, Unterteilung einer oder gemischter beliebiger Fraktionen

Title (fr)

Dispositif de tri, subdivision d'une fraction ou des fractions arbitraires mélangées

Publication

EP 1726369 A3 20091125 (DE)

Application

EP 06008721 A 20060427

Priority

DE 102005024137 A 20050523

Abstract (en)

[origin: EP1726369A2] An assembly sorts refuse by ballistic action. The assembly has a crankshaft (2) driving an array of elongated perforated (13) separator conveyer strips (4). Each crankshaft section also bears a fixed interchangeable cam plate. The cam disc has an outer profile that is partly polygonal and inner profiled hole that fits the crankshaft.

IPC 8 full level

B07B 1/28 (2006.01); **B07B 13/11** (2006.01)

CPC (source: EP)

B07B 1/28 (2013.01); **B07B 13/113** (2013.01)

Citation (search report)

- [XY] DE 19649020 A1 19980528 - SAME DEUTZ FAHR SPA [IT]
- [X] GB 239661 A 19250917 - CHRISTOPHER SWINDLEHURST SWANN
- [X] DE 9817 C 18800524
- [Y] GB 401176 A 19331109 - ROBINS CONVEYING BELT CO
- [A] DE 3320086 A1 19841206 - VOLKSWAGENWERK AG [DE]
- [A] US 2947183 A 19600802 - CARRIER JR ROBERT M, et al
- [A] CZ 280980 B6 19960515 - PORICKY PETR [CZ]

Cited by

EP2463032A3; CN116651734A; CN108144841A; CN108745873A

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1726369 A2 20061129; EP 1726369 A3 20091125; DE 102005024137 A1 20061130

DOCDB simple family (application)

EP 06008721 A 20060427; DE 102005024137 A 20050523