

Title (en)
Device for sorting, separating a fraction

Title (de)
Vorrichtung zur Sortierung, Unterteilung einer Fraktion

Title (fr)
Dispositif pour trier, séparer une fraction

Publication
EP 1206978 B1 20060628 (DE)

Application
EP 01125857 A 20011030

Priority
DE 10055571 A 20001109

Abstract (en)
[origin: EP1206978A1] A system for separating mixed material, e.g. for recycling, has filter trays comprising parallel riddle strips agitated by cranked drives. The filter trays are inclined to one end and are stacked in two or more layers. The mixed material is dropped onto the upper tray where heavy material rolls down the slope to a transporter, the lighter material is driven up the slope onto a second transporter while the finer fraction drops through the riddles onto a second filter trays and so on. Finally the finest material drops onto a final transporter.

IPC 8 full level
B07B 13/11 (2006.01); **B07B 1/28** (2006.01)

CPC (source: EP)
B07B 1/28 (2013.01); **B07B 13/113** (2013.01)

Cited by
CN108435543A; CN108672066A

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DOCDB simple family (publication)
EP 1206978 A1 20020522; **EP 1206978 B1 20060628**; AT E331573 T1 20060715; DE 10055571 A1 20020523; DE 50110317 D1 20060810; ES 2266069 T3 20070301

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