

Title (en)
Disc screen

Title (de)
Rotorsieb

Title (fr)
Tamis à disques

Publication
EP 1059124 A3 20010314 (DE)

Application
EP 00111126 A 20000524

Priority
DE 19925517 A 19990603

Abstract (en)
[origin: EP1059124A2] The plate screen has several parallel driven shafts carrying meshing plates. Each shaft (12) has a raised element e.g. a strut (8) extending over the full length of its outer surface and parallel to the longitudinal shaft axis. Each shaft also has several parallel recesses. The shafts are supported in a frame (13) via side holders, and the struts are located between the holders. The screen plates (7) have cut-outs corresponding to the profiles of struts and shafts.

IPC 1-7
B07B 1/15

IPC 8 full level
B07B 1/15 (2006.01); **B07B 1/46** (2006.01)

CPC (source: EP)
B07B 1/15 (2013.01); **B07B 1/4609** (2013.01)

Citation (search report)

- [XY] US 1502796 A 19240729 - EDWARD PARKER JAMES
- [Y] US 4240902 A 19801223 - AGEE JOHN H [US], et al
- [Y] DE 3402587 A1 19850801 - STOELLNER JOSEF [AT]
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CN112805097A; EP1475205A3

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

DOCDB simple family (publication)
DE 19925517 A1 20001207; EP 1059124 A2 20001213; EP 1059124 A3 20010314; JP 2001017920 A 20010123

DOCDB simple family (application)
DE 19925517 A 19990603; EP 00111126 A 20000524; JP 2000163014 A 20000531