

Title (en)  
Device and disc for separating materials

Title (de)  
Vorrichtung und Scheibe zum Trennen fester Stoffe

Title (fr)  
Dispositif et disque pour la séparation de matières

Publication  
**EP 0834353 A1 19980408 (EN)**

Application  
**EP 97202956 A 19970926**

Priority  
• NL 1004131 A 19960927  
• NL 1005998 A 19970507

Abstract (en)  
The invention relates to a device and disc (16) for separating materials such as for instance paper and cardboard, comprising at least two substantially parallel, rotatable shafts (4) on which discs (16) are mounted, wherein through rotation of the shafts (4) material thrown onto the shafts (4) is displaced over the discs (16) and drops downward partially between the discs (16). <IMAGE>

IPC 1-7  
**B07B 1/15**

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

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

Citation (search report)  
• [X] GB 2267235 A 19931201 - BORD NA MONA [IE]  
• [XY] WO 9535168 A1 19951228 - BULK HANDLING SYSTEMS INC [US], et al  
• [Y] DE 4408903 A1 19950921 - KRONENBERGER ERNST JOSEF [DE]  
• [PX] EP 0773070 A1 19970514 - BOLLEGRAAF APPINGEDAM MASCHF [NL]  
• [A] US 2743813 A 19560501 - ERICKSON LEWIS C  
• [L] PATENT ABSTRACTS OF JAPAN vol. 096, no. 012 26 December 1996 (1996-12-26)

Cited by  
EP1317970A1; EP1188489A3

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

DOCDB simple family (publication)  
**EP 0834353 A1 19980408; EP 0834353 B1 20020619**; AT E219393 T1 20020715; DE 69713465 D1 20020725; DE 69713465 T2 20030109; DK 0834353 T3 20020715; ES 2175266 T3 20021116; PT 834353 E 20021031

DOCDB simple family (application)  
**EP 97202956 A 19970926**; AT 97202956 T 19970926; DE 69713465 T 19970926; DK 97202956 T 19970926; ES 97202956 T 19970926; PT 97202956 T 19970926