

Title (en)
Fibre separation

Title (de)
Fasertrennung

Title (fr)
Separation de fibres

Publication
EP 1227177 A1 20020731 (EN)

Application
EP 02250617 A 20020129

Priority
GB 0102304 A 20010130

Abstract (en)
A device (10) for the separation of fibres from waste material in fibre bearing plants, comprising a plurality of processing members (13A, 13B, 13C) mounted for rotation within an enclosure (1), the enclosure (1) comprising an inlet (11) for material to be processed, an outlet (12) for fibres and a plurality of apertures (24) to allow the egress of waste material. The device is arranged, in use, to receive material at the inlet (11) to undergo a first processing operation by a first plurality of the processing members (13A). The first plurality of processing members (13A) is arranged along a first axis of rotation (14A), and is arranged to perform a first stage of separation of fibre from waste, and to transfer fibres in a process direction for processing by at least a second plurality of the processing members (13B). <IMAGE>

IPC 1-7
D01B 1/28

IPC 8 full level
D01B 1/28 (2006.01)

CPC (source: EP)
D01B 1/28 (2013.01)

Citation (search report)
• [X] GB 271938 A 19270610 - BRUNO POSSANNER VON EHRENTAL, et al
• [XY] DE 125946 C 19011207 - SCHNEIDER LOUIS HENRY [US]
• [A] GB 188405 A 19221113 - WILLIAM MCEWEN
• [A] DE 610706 C 19350315 - FREDERICK PERCY GARDNER
• [YA] US 5513805 A 19960507 - FISHER GORDON L [US], et al

Cited by
RU2506353C1; CN102797045A

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

DOCDB simple family (publication)
EP 1227177 A1 20020731; GB 0102304 D0 20010314; GB 2371813 A 20020807

DOCDB simple family (application)
EP 02250617 A 20020129; GB 0102304 A 20010130