

Title (en)

DEVICE FOR SORTING A SUSPENSION CONTAINING FIBROUS MATERIAL

Title (de)

VORRICHTUNG ZUM SORTIEREN VON FASERSTOFFHALTIGER SUSPENSION

Title (fr)

DISPOSITIF POUR EPURER UNE SUSPENSION CONTENANT DES MATIERES FIBREUSES

Publication

EP 1078125 A1 20010228 (DE)

Application

EP 99923579 A 19990511

Priority

- DE 19821447 A 19980513
- EP 9903240 W 19990511

Abstract (en)

[origin: WO9958760A1] The invention relates to a device for sorting (1) a suspension containing fibrous material in which a sorting chamber (3) is constructed in a main housing (2) in combination with a rotationally fixed perforated plate (4) having an essentially cylindrical shape. The device has an inlet (5), an accepted material outlet (6), and a rejected material outlet (7). The inlet for feeding the material is provided on a separate covering part (8) situated on the upper side of the main housing. Said inlet is provided such that the material is fed essentially at an angle of inclination relative to the horizontal lines and with combined tangential and axial components in the vicinity of the covering part. The angle of inclination relative to the horizontal lines can range, for example, from 5 DEG to 85 DEG . In addition, the device for sorting a suspension containing fibrous material can be configured in such a way that the wall of the main housing is constructed in an at least partially conical manner in the direction of the accepted material outlet and, as a result, a correspondingly enlarged sorting chamber is formed in the direction of the accepted material outlet.

IPC 1-7

D21D 5/02

IPC 8 full level

D21D 5/02 (2006.01)

CPC (source: EP)

D21D 5/026 (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB IT LI NL PT SE

DOCDB simple family (publication)

WO 9958760 A1 19991118; AT E231200 T1 20030215; DE 19821447 A1 19991118; DE 59904048 D1 20030220; EP 1078125 A1 20010228; EP 1078125 B1 20030115

DOCDB simple family (application)

EP 9903240 W 19990511; AT 99923579 T 19990511; DE 19821447 A 19980513; DE 59904048 T 19990511; EP 99923579 A 19990511