

Title (en)

Rotor for pressure screen for fibrous suspensions

Title (de)

Rotor für einen Drucksortierer für Fasersuspensionen

Title (fr)

Rotor pour un dispositif de tamisage sous pression d'une suspension fibreuse

Publication

EP 1826315 A3 20090715 (DE)

Application

EP 06026125 A 20061216

Priority

DE 102006008758 A 20060224

Abstract (en)

[origin: EP1826315A2] A cylindrical separating screen (1) with a vertical axis is arranged for radial inward flow from an inlet (3). The separated material flows to an outlet (4) for acceptable material and a drain (5) for rejected material. The screen is surrounded by a rotating drum or cage (8) fitted with a large number of foils, e.g. of aerofoil shape, that promote inward flow of the suspension. An independent claim is included for a flow-promoting device consisting of a drum fitted with foils. The drum has preferably between 2 and 10 foils per square meter and the thickness of the drum and foil assembly is no greater than 10% of outer diameter of drum (8).

IPC 8 full level

D21D 5/02 (2006.01)

CPC (source: EP US)

D21D 5/026 (2013.01 - EP US)

Citation (search report)

- [XD] DE 2908729 A1 19790913 - SVENSKA TRAEFORSKNINGSINST
- [AD] US 3545621 A 19701208 - LAMORT JEAN P
- [A] US 4684444 A 19870804 - MEINECKE ALBRECHT [DE], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 06026125 A 20061216; DE 102006008758 A 20060224; JP 2007041104 A 20070221; US 67167007 A 20070206