

Title (en)

METHOD AND DEVICE FOR SEPARATING MATERIAL FLOWS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR TRENNUNG VON MATERIALSTRÖMEN

Title (fr)

PROCEDE ET APPAREIL DE SEPARATION DE FLUX DE MATIERES

Publication

**EP 1654416 B1 20071114 (EN)**

Application

**EP 04742265 A 20040811**

Priority

- FI 2004050116 W 20040811
- FI 20031159 A 20030815

Abstract (en)

[origin: WO2005017253A1] A method and a device for separating material flows from aqueous suspensions containing pulp fibers or other fine particles formed in the paper or pulp manufacturing process, in which the aqueous suspension is led into a separation tank (3) in which the aqueous suspension is divided into a main flow and an overflow. The overflow is discharged in at least two different fractions (OF1, OF2) from the separation tank (3).

IPC 8 full level

**D21D 5/00** (2006.01); **D21D 5/26** (2006.01); **D21F 1/66** (2006.01); **D21F 1/70** (2006.01)

IPC 8 main group level

**D21D** (2006.01)

CPC (source: EP)

**D21D 5/00** (2013.01); **D21F 1/66** (2013.01); **D21F 1/70** (2013.01)

Cited by

EP2988843B1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 2005017253 A1 20050224**; AT E378457 T1 20071115; DE 602004010139 D1 20071227; DE 602004010139 T2 20080911;  
EP 1654416 A1 20060510; EP 1654416 B1 20071114; FI 118772 B 20080314; FI 20031159 A0 20030815; FI 20031159 A 20050216

DOCDB simple family (application)

**FI 2004050116 W 20040811**; AT 04742265 T 20040811; DE 602004010139 T 20040811; EP 04742265 A 20040811; FI 20031159 A 20030815