

Title (en)

SIEVE APPARATUS FOR A CONTAMINATED FIBROUS STOCK SUSPENSION, AND ITS USE

Title (de)

SIEBAPPARAT FÜR EINE VERSCHMUTZTE FASERSTOFFSUSPENSION UND SEINE VERWENDUNG

Title (fr)

APPAREIL DE TAMISAGE POUR SUSPENSION ENCRASSÉE DE FIBRES ET UTILISATION DE CET APPAREIL

Publication

**EP 2104766 A1 20090930 (DE)**

Application

**EP 07802291 A 20070913**

Priority

- EP 2007007964 W 20070913
- DE 102006055316 A 20061123

Abstract (en)

[origin: DE102006055316B3] An assembly for the recovery of cellulose fibers from a suspension of recycled paper has an upright housing (1) with a sieve (3) separating the recovery chamber (2) from the drum (1). A rotor (4) turns in close proximity to the sieve (3), keeping it free of deposits and generating a flow of suspended solids. The cylinder main section (7) is inclined at an angle of between 5 and 25 degrees to the rotor axis (12). The main section (7) occupies at least half the volume within the housing (1). The rotor axis is at an angle of between 10 and 20 degrees to the vertical. Also claimed is the use of the sieve for the recovery of paper fibers.

IPC 8 full level

**D21D 5/04** (2006.01)

CPC (source: EP US)

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Citation (search report)

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Cited by

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