

Title (en)

Pressure screen for cleaning paper pulp containing impurities

Title (de)

Drucksortierer zum Entfernen von Störstoffen aus einer störfstoffhaltigen Papierfasersuspension

Title (fr)

Tamis sous pression pour l'épuration de pâte à papier contenant des impuretés

Publication

**EP 1215335 B1 20060830 (DE)**

Application

**EP 01122711 A 20010921**

Priority

DE 10060822 A 20001207

Abstract (en)

[origin: CA2364728A1] Pressurized screen to remove contaminants from a contaminant-containing fibrous paper suspension. Pressurized screen includes a housing, a first screen element, essentially axially symmetric and rotatably mounted within housing, and a second screen element, which is essentially axially symmetric. First and second screen elements are successively arranged in suspension flow direction. At least one intake, coupled to housing, supplies suspension to housing, and at least one accepts outlet, coupled to housing, conveys a part of suspension that passes through the second screen element out of housing. At least one coarse reject outlet is located within housing to remove a part of suspension not passing through first screen element, and at least one fine reject outlet is located within housing to remove a part of suspension not passing through second screen element. First screen element includes conical shape with opening angle (a) between about 10.degree. and 170.degree..

IPC 8 full level

**D21D 5/02** (2006.01); **D21D 5/06** (2006.01)

CPC (source: EP US)

**D21D 5/02** (2013.01 - EP US); **D21D 5/026** (2013.01 - EP US); **D21D 5/06** (2013.01 - EP US)

Cited by

EP1394318A1; EP1749923A1

Designated contracting state (EPC)

AT DE ES FI FR IT

DOCDB simple family (publication)

**EP 1215335 A1 20020619**; **EP 1215335 B1 20060830**; AT E338158 T1 20060915; CA 2364728 A1 20020607; DE 10060822 A1 20020627; DE 10060822 B4 20060427; DE 50110868 D1 20061012; ES 2269267 T3 20070401; US 2002069985 A1 20020613; US 6613191 B2 20030902

DOCDB simple family (application)

**EP 01122711 A 20010921**; AT 01122711 T 20010921; CA 2364728 A 20011206; DE 10060822 A 20001207; DE 50110868 T 20010921; ES 01122711 T 20010921; US 30301 A 20011204