

Title (en)
Pulp screening apparatus.

Title (de)
Vorrichtung zum Sieben von Faserbrei.

Title (fr)
Appareil pour l'épuration de pâte.

Publication
EP 0294832 A2 19881214 (EN)

Application
EP 88109280 A 19880610

Priority
US 6159487 A 19870611

Abstract (en)
The pulp screening apparatus comprises a housing (1) having an inlet (6) for allowing fibrous stock to be introduced into the interior, a first outlet (8) for allowing the accept screened stock to be removed, a second outlet (9) for the reject, a screen (3) having a contour surface within the housing (1), a rotor (4) moving in the vicinity of the screen (3) at a predetermined speed and forming together with the screen (3) an annular screening chamber (12). The rotor (4) has at least the surface facing the screen (3) partially contoured and is provided with a plurality of perforations along at least a portion of the length of the screening chamber (12) to allow fibrous stock to be introduced into the screening chamber (12) and to prevent the undesired debris of the stock from entering the chamber (12). Both sides of the rotor (4) may have a contoured surface with grooves.

IPC 1-7
D21D 5/02; **D21D 5/16**

IPC 8 full level
D21D 5/02 (2006.01); **D21D 5/16** (2006.01)

CPC (source: EP)
D21D 5/026 (2013.01); **D21D 5/16** (2013.01)

Cited by
CN102041705A; ES2155410A1; US6029825A; JPH03505759A; AU691120B2; US6113104A; US8297445B2; USRE39940E; US8469198B2; WO9623930A1; WO2004046457A1; WO9702384A1

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
EP 0294832 A2 19881214; **EP 0294832 A3 19890308**; **EP 0294832 B1 19910417**; BR 8807561 A 19900417; DE 294832 T1 19890713; DE 3862433 D1 19910523; FI 882569 A0 19880601; FI 882569 A 19881212; WO 8809843 A1 19881215

DOCDB simple family (application)
EP 88109280 A 19880610; BR 8807561 A 19880601; DE 3862433 T 19880610; DE 88109280 T 19880610; FI 8800085 W 19880601; FI 882569 A 19880601