

Title (en)
MEANS FOR DEFIBRATING AND SORTING PULP IN PAPER AND CELLULOSE INDUSTRY

Publication
EP 0273018 A3 19890201 (EN)

Application
EP 87850357 A 19871119

Priority
FI 865281 A 19861222

Abstract (en)
[origin: EP0273018A2] A means for defibrating and sorting pulp in paper and cellulose industry, comprising a defibrating means (1,2) consisting of a rotor (2) and a stator (1), and of a sorter (3,4) consisting of another rotor (3) and another stator (4), and said stator (4) of the sorter is formed to be sieve-like, and said means comprising a pulp feed (4), accept removal (7) and reject removal (8). At present, defibrating and sorting processes have to be carried out using separate apparatus, which is expensive and space-consuming. With the aid of the present invention, the problem is solved in that the rotors (2,3) of the defibrating means (1,2) and of the sorter (3,4) are only connected to each other with a common shaft, and that the stators (1,4) are separate, and said stators (1,4) and rotors (2,3) are located in the same pulp space (5).

IPC 1-7
D21D 1/22; **D21D 5/02**

IPC 8 full level
D21D 1/22 (2006.01); **D21D 5/02** (2006.01)

CPC (source: EP)
D21D 1/22 (2013.01); **D21D 5/026** (2013.01)

Citation (search report)
• [X] WO 8504433 A1 19851010 - SUNDS DEFIBRATOR [SE]
• [X] FR 1385712 A 19650115 - INGERSOLL RAND CANADA
• [A] FR 2489712 A1 19820312 - SUNDS DEFIBRATOR INC [US]
• [A] DE 1511177 B1 19691106 - TAMPELLA OY AB

Cited by
EP0421968A3; EP0649940A1; US5564572A; US5597075A; EP1184509B2

Designated contracting state (EPC)
AT DE FR GB SE

DOCDB simple family (publication)
EP 0273018 A2 19880629; **EP 0273018 A3 19890201**; FI 76599 B 19880729; FI 76599 C 19881110; FI 865281 A0 19861222;
NO 875350 D0 19871221; NO 875350 L 19880623

DOCDB simple family (application)
EP 87850357 A 19871119; FI 865281 A 19861222; NO 875350 A 19871221