

Title (en)

METHOD AND APPARATUS FOR PROCESSING PULP STOCK DERIVED FROM A PULP OR PAPER MILL

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BEHANDLUNG VON PAPIERFASERSTOFF AUS ZELLSTOFF- ODER PAPIERFABRIKEN

Title (fr)

PROCEDE ET APPAREIL DE TRAITEMENT DE PULPE D'UNE USINE DE PATE OU DE PAPIER

Publication

EP 1087840 A1 20010404 (EN)

Application

EP 99915779 A 19990413

Priority

- FI 9900306 W 19990413
- FI 980849 A 19980416
- FI 981627 A 19980717
- FI 981788 A 19980820

Abstract (en)

[origin: WO9954045A1] The object of the invention is a method for processing pulp stock derived from a pulp or paper mill, which pulp stock contains fibres and/or any other components, such as mineral components, in order to disperse the agglomerations in the pulp stock. The method is characterised in that the pulp stock is supplied to an apparatus operating according to the principle of a double action impact mill (the double action impact mill (20)). The apparatus comprises: a first rotor (11) provided with blades; a second rotor (12), which is coaxial with the first rotor and provided with blades and which is arranged to rotate in a direction being opposite to that of the first rotor; and a feeding opening (14) which opens out to the nave of the rotors. Pulp stock is supplied to the feeding opening (14) which opens to the rotor naves and is caused to flow via the blades of the rotors (11, 12) arranged within each other, to the outermost rotor ring, and to be discharged from there as a discharge flow from the apparatus. The invention also relates to an apparatus for performing the method.

IPC 1-7

B02C 7/12; **D21B 1/14**; **D21D 1/30**

IPC 8 full level

B02C 13/20 (2006.01); **D21B 1/30** (2006.01); **D21D 1/36** (2006.01)

CPC (source: EP)

B02C 13/205 (2013.01); **B02C 13/24** (2013.01); **D21B 1/30** (2013.01); **D21D 1/36** (2013.01)

Citation (search report)

See references of WO 9954045A1

Designated contracting state (EPC)

AT BE CH DE ES FI FR GB IT LI NL PT SE

DOCDB simple family (publication)

WO 9954045 A1 19991028; **WO 9954045 A8 20000106**; AU 3423199 A 19991108; CA 2328205 A1 19991028; EP 1087840 A1 20010404

DOCDB simple family (application)

FI 9900306 W 19990413; AU 3423199 A 19990413; CA 2328205 A 19990413; EP 99915779 A 19990413