

Title (en)

METHOD FOR PREPARING FIBRES CONTAINED IN A PULP SUSPENSION

Title (de)

VERFAHREN ZUR AUFBEREITUNG VON IN EINER FASERSTOFFSUSPENSION ENTHALTENEN FASERN

Title (fr)

PROCEDE POUR LA PREPARATION DE FIBRES CONTENUES DANS UNE SUSPENSION FIBREUSE

Publication

EP 1474568 A1 20041110 (DE)

Application

EP 03737300 A 20030203

Priority

- DE 10204254 A 20020202
- DE 10204255 A 20020202
- EP 0301019 W 20030203

Abstract (en)

[origin: WO03066962A1] The invention relates to a method for preparing fibres contained in a pulp suspension, comprising the following steps: provision of the fibres in the form of a suspension with a predeterminable solid concentration; loading of the fibres with a precipitation product; grinding of the fibres loaded with the precipitation product to produce precipitation product particles with maximum dimensions ranging between approximately 0.05 and 5 μ m. The invention is characterised in that crystalline precipitation product particles are produced and said production of the latter takes place in an online process directly in the stock preparation line.

IPC 1-7

D21H 17/70; **D21H 19/38**

IPC 8 full level

D21H 17/70 (2006.01); **D21H 19/38** (2006.01); **D21H 17/67** (2006.01)

CPC (source: EP US)

D21H 17/70 (2013.01 - EP US); **D21H 19/38** (2013.01 - EP US); **D21H 17/675** (2013.01 - EP US)

Citation (search report)

See references of WO 03066962A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

WO 03066962 A1 20030814; AU 2003244495 A1 20030902; CA 2474933 A1 20030814; CN 100363554 C 20080123; CN 1625630 A 20050608; EA 006451 B1 20051229; EA 200401018 A1 20041230; EP 1474568 A1 20041110; JP 2005517100 A 20050609; MX PA04007332 A 20050517; US 2005000665 A1 20050106

DOCDB simple family (application)

EP 0301019 W 20030203; AU 2003244495 A 20030203; CA 2474933 A 20030203; CN 03803035 A 20030203; EA 200401018 A 20030203; EP 03737300 A 20030203; JP 2003566299 A 20030203; MX PA04007332 A 20030203; US 90961804 A 20040802