

Title (en)
FIBRE SORTING SYSTEM

Title (de)
FASERSORTIERUNG

Title (fr)
TRIAGE DE FIBRES

Publication
EP 2714988 B1 20150708 (DE)

Application
EP 12719963 A 20120508

Priority
• DE 102011076518 A 20110526
• EP 2012058412 W 20120508

Abstract (en)
[origin: WO2012159876A1] The invention relates to a method for removing long fibres from a fibrous material suspension. The aim of the invention is to separate out long fibres as simply as possible. Said aim is achieved in that a jet (1) of the fibrous material suspension is directed at the rotor blades (2) of a rotor, wherein the jet direction forms an angle of less than 45° with the rotation axis (3), and longer fibres which adhere to the rotor blades (2) are thrown off owing to the centrifugal force of the rotor blades (2) and collected separately.

IPC 8 full level
D21D 5/22 (2006.01); **D21D 99/00** (2006.01)

CPC (source: EP)
D21D 5/22 (2013.01); **D21D 99/00** (2013.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102011076518 A1 20121129; CN 103547733 A 20140129; CN 103547733 B 20160831; EP 2714988 A1 20140409; EP 2714988 B1 20150708; WO 2012159876 A1 20121129

DOCDB simple family (application)
DE 102011076518 A 20110526; CN 201280023764 A 20120508; EP 12719963 A 20120508; EP 2012058412 W 20120508