

Title (en)

Axial fractioner

Title (de)

Axialfraktionierer

Title (fr)

Appareil de fractionnement axial

Publication

EP 2145988 A3 20100317 (DE)

Application

EP 09165552 A 20090715

Priority

DE 102008033789 A 20080718

Abstract (en)

[origin: EP2145988A2] The fractionator (1-2) has an elongate housing (2) including a lateral end at which a filler opening (3-2) is arranged. The housing has another lateral end at which an outlet (4-2) is arranged. A removal device (7) is provided at a lower side of the housing. A paddle screw is arranged in the housing and transports fiber flocks via the removal device. The paddle screw has a paddle including a pitch angle in the range of 60 to 85 degrees. Perforated strainers with different perforation sizes are arranged over the removal device. An independent claim is also included for a method for fractionating separation of shives and short fibers of a fiber flock.

IPC 8 full level

D01B 1/04 (2006.01); **D01B 1/14** (2006.01)

CPC (source: EP)

D01B 1/14 (2013.01)

Citation (search report)

[X] DE 19626557 A1 19980108 - STUERMER HANS DIETER DIPL CHEM [DE]

Cited by

GB2624443A; WO2024105267A1

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2145988 A2 20100120; EP 2145988 A3 20100317; EP 2145988 B1 20140430; DE 102008033789 A1 20100325;
DE 102008033789 B4 20100617

DOCDB simple family (application)

EP 09165552 A 20090715; DE 102008033789 A 20080718