

Title (en)  
Axial fractioner

Title (de)  
Axialfraktionierer

Title (fr)  
Appareil de fractionnement axial

Publication  
**EP 2145988 B1 20140430 (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)

Cited by  
GB2624443A; WO2024105267A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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