

Title (en)

PROCESS FOR TREATING SCLERENCHYMA FIBRES, IN PARTICULAR FLAX

Title (de)

VERFAHREN ZUM AUFBEREITEN VON SKLERENCHYM-FASERN, INSBESONDERE FLACHS

Title (fr)

PROCEDE DE TRAITEMENT DE FIBRES DE SCLERENCHYME, NOTAMMENT DU LIN

Publication

**EP 0706585 B1 19970827 (DE)**

Application

**EP 94919650 A 19940621**

Priority

- DE 4322399 A 19930630
- EP 9402022 W 19940621

Abstract (en)

[origin: WO9501468A1] Sclerenchyma fibres, in particular flax, are mechanically processed to form a fibre band and the fibers are oriented in a substantially parallel direction. Ligneous components, fats, pectins and other impurities are removed from the fibres of the fibre band by chemically processing and/or digesting the fibre band, and the thus processed fibre band is dried and cut into shorter sections. In order to form fibre bundles, these sections are at least partially ripped or opened. The fibre bundles are carded at a regulated humidity content of at least 10 % by weight and are assembled into a fine fibre band.

IPC 1-7

**D01B 1/42**; **D01G 21/00**; **D01G 13/00**

IPC 8 full level

**D01B 1/42** (2006.01); **D01G 13/00** (2006.01); **D01G 21/00** (2006.01)

CPC (source: EP US)

**D01B 1/42** (2013.01 - EP US); **D01G 13/00** (2013.01 - EP US); **D01G 21/00** (2013.01 - EP US)

Cited by

DE19831108C1; DE19854324B4; DE102017011741A1; DE102009043908A1; DE102022003958A1; WO2024089004A1

Designated contracting state (EPC)

BE DE DK ES FR GB IE IT PT SE

DOCDB simple family (publication)

**WO 9501468 A1 19950112**; CZ 284721 B6 19990217; CZ 343595 A3 19960313; DE 59403884 D1 19971002; DK 0706585 T3 19980330; EP 0706585 A1 19960417; EP 0706585 B1 19970827; ES 2106549 T3 19971101; PL 174372 B1 19980731; PL 312328 A1 19960415; US 5666696 A 19970916

DOCDB simple family (application)

**EP 9402022 W 19940621**; CZ 343595 A 19940621; DE 59403884 T 19940621; DK 94919650 T 19940621; EP 94919650 A 19940621; ES 94919650 T 19940621; PL 31232894 A 19940621; US 56430095 A 19951220