

Title (en)

DEVICE AND METHOD FOR DRYING A FIBRE GROUP

Title (de)

VORRICHTUNG UND VERFAHREN ZUM TROCKNEN EINER FADENSCHAR

Title (fr)

DISPOSITIF ET PROCEDE DE SECHAGE D'UNE NAPPE DE FILS

Publication

**EP 3118553 B1 20210505 (DE)**

Application

**EP 15176758 A 20150715**

Priority

EP 15176758 A 20150715

Abstract (en)

[origin: CN106352684A] The invention relates to a device and a method for drying a yarn sheet. The device (1) used for drying the yarn sheet (2) is provided with an inlet, an outlet, and at least two drying cylinders disposed between the inlet and the outlet. The fiber group path between the inlet and the outlet on the peripheral parts of the drying cylinders is disposed around the drying cylinders. The load of the yarns is kept small during the drying process. Every drying cylinder is provided with an own rotation driving mechanism and a control mechanism used to trigger the rotation driving mechanism independently.

IPC 8 full level

**F26B 13/18** (2006.01); **F26B 13/00** (2006.01); **F26B 13/14** (2006.01)

CPC (source: CN EP)

**F26B 13/001** (2013.01 - EP); **F26B 13/145** (2013.01 - EP); **F26B 13/18** (2013.01 - EP); **F26B 13/183** (2013.01 - CN)

Citation (examination)

DE 102008030340 A1 20091231 - SIEMENS AG [DE]

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)

**EP 3118553 A1 20170118**; **EP 3118553 B1 20210505**; CN 106352684 A 20170125; CN 106352684 B 20201103; ES 2876185 T3 20211112

DOCDB simple family (application)

**EP 15176758 A 20150715**; CN 201610025418 A 20160115; ES 15176758 T 20150715