

Title (en)

METHOD AND DEVICE FOR SPREADING A FIBRE BUNDLE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM SPREIZEN EINES FASERBÜNDELS

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR ETALER UN FAISCEAU DE FIBRES

Publication

**EP 3425092 B1 20200513 (DE)**

Application

**EP 17180086 A 20170706**

Priority

EP 17180086 A 20170706

Abstract (en)

[origin: US2019010630A1] Described are a device and a method for spreading a fibre bundle. In the case of the device, the fibre bundle is fed from a fibre bundle supply to a fibre consumer 5 by way of a resistance 3, having a first impulse drive 4.1 that interacts with said resistance 3, said fibre consumer 5 being disposed downstream of said resistance 3. The fibre bundle 1 by means of the impulse drive 4.1 during spreading is impingeable in an alternating manner in predefinable sequences with an additional speed component in the conveying direction of said fibre bundle and/or with an additional speed component counter to the conveying direction.

IPC 8 full level

**D01D 11/02** (2006.01); **D02J 1/18** (2006.01)

CPC (source: CN EP US)

**D01D 11/02** (2013.01 - US); **D02J 1/18** (2013.01 - CN EP US)

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 3425092 A1 20190109**; **EP 3425092 B1 20200513**; CN 109208140 A 20190115; CN 109208140 B 20220729; JP 2019015015 A 20190131; JP 7197293 B2 20221227; US 10876224 B2 20201229; US 2019010630 A1 20190110

DOCDB simple family (application)

**EP 17180086 A 20170706**; CN 201810742133 A 20180706; JP 2018128226 A 20180705; US 201816026555 A 20180703