

Title (en)

METHOD FOR PRODUCING A CONTINUOUS WEB OF FIBRES COMPRISING LONG NATURAL FIBRES, AND ASSOCIATED APPARATUS AND WEB

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER KONTINUIERLICHEN FASERBAHN MIT LANGEN NATURFASERN UND ZUGEHÖRIGE VORRICHTUNG SOWIE FASERBAHN

Title (fr)

PROCÉDÉ DE FABRICATION D'UN VOILE CONTINU DE FIBRES COMPRENANT DES FIBRES LONGUES NATURELLES, INSTALLATION ET VOILE ASSOCIÉS

Publication

EP 2776617 B1 20151021 (FR)

Application

EP 12781107 A 20121106

Priority

- FR 1160101 A 20111107
- EP 2012071943 W 20121106

Abstract (en)

[origin: WO2013068355A1] A method for producing a continuous web of fibres comprising long natural fibres, and associated apparatus and web. The method comprises the following steps: - bringing a plurality of disjointed ribbons (32) of fibres into parallel, at least one ribbon (32) containing long natural fibres; - dispersing the adjacent ribbons (32) through a field of tips (60) to form a strip (62) of parallel fibres; - tensioning and stretching the strip (62) in the field of tips (60) parallel to an axis of travel (B-B'); - binding the fibres of the stretched strip (62) to form the web (60).

IPC 8 full level

D04H 1/587 (2012.01); **B27N 3/04** (2006.01); **D01H 5/06** (2006.01); **D04H 1/4266** (2012.01); **D04H 1/68** (2012.01)

CPC (source: EP RU US)

D04H 1/04 (2013.01 - EP RU US); **D04H 1/425** (2013.01 - EP US); **D04H 1/4266** (2013.01 - EP US); **D04H 1/46** (2013.01 - EP US);
D04H 1/48 (2013.01 - EP US); **D04H 1/587** (2013.01 - EP US); **D04H 1/68** (2013.01 - EP US); **D04H 1/74** (2013.01 - EP US);
D04H 3/12 (2013.01 - EP US); **B27N 3/00** (2013.01 - EP US); **Y10T 442/608** (2015.04 - EP US)

Cited by

WO2020072009A1

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)

FR 2982283 A1 20130510; FR 2982283 B1 20150116; BR 112014010984 A2 20170606; CN 104066878 A 20140924; EP 2776617 A1 20140917;
EP 2776617 B1 20151021; EP 2963170 A1 20160106; EP 2963170 B1 20170426; JP 2014533329 A 20141211; KR 20140097309 A 20140806;
LT 2963170 T 20170612; RU 2014123362 A 20151220; RU 2617667 C2 20170425; US 2014287216 A1 20140925;
WO 2013068355 A1 20130516

DOCDB simple family (application)

FR 1160101 A 20111107; BR 112014010984 A 20121106; CN 201280054783 A 20121106; EP 12781107 A 20121106;
EP 15180694 A 20121106; EP 2012071943 W 20121106; JP 2014539361 A 20121106; KR 20147015252 A 20121106; LT 15180694 T 20121106;
RU 2014123362 A 20121106; US 201214356457 A 20121106