

Title (en)

DISPERSIBLE FIBER BUNDLES AND SUSPENSIONS USING ENVIRONMENTALLY-FRIENDLY SOLVENTS

Title (de)

DISPERGIERBARE FASERBÜNDEL UND SUSPENSIONEN MIT UMWELTFREUNDLICHEN LÖSUNGSMITTELN

Title (fr)

FAISCEAUX ET SUSPENSIONS DE FIBRES DISPERSABLES UTILISANT DES SOLVANTS ÉCOLOGIQUES

Publication

EP 2964823 A4 20161116 (EN)

Application

EP 14759707 A 20140307

Priority

- US 201361774956 P 20130308
- US 2014021770 W 20140307

Abstract (en)

[origin: US2014255691A1] Methods of preparing dispersible fiber bundles comprising contacting a rheology-modifying binder to at least two or more fibers to form a binder-fiber mixture, and imparting force to the binder-fiber mixture to compact the binder-fiber mixture into a fiber bundle.

IPC 8 full level

D04H 1/54 (2012.01); **D04H 1/42** (2012.01); **D04H 1/587** (2012.01); **D04H 1/732** (2012.01); **D06M 13/184** (2006.01); **D21H 13/06** (2006.01); **D21H 13/12** (2006.01); **D21H 13/24** (2006.01); **D21H 13/26** (2006.01); **D21H 13/36** (2006.01); **D21H 13/40** (2006.01)

CPC (source: EP US)

D04H 1/42 (2013.01 - EP US); **D04H 1/587** (2013.01 - EP US); **D04H 1/732** (2013.01 - EP US); **D21H 13/06** (2013.01 - EP US); **D21H 13/12** (2013.01 - EP US); **D21H 13/24** (2013.01 - EP US); **D21H 13/26** (2013.01 - EP US); **D21H 13/36** (2013.01 - EP US); **D21H 13/40** (2013.01 - EP US); **Y10T 428/2905** (2015.01 - EP US)

Citation (search report)

- [X] EP 0235577 A2 19870909 - MONTEFIBRE SPA [IT]
- [X] DE 10032324 A1 20020117 - BRANDENSTEIN RUDOLF [DE], et al
- [X] JP 3178790 B2 20010625
- [I] US 3034922 A 19620515 - HANS BOE
- [A] DE 3700680 A1 19880721 - BREVETEAM SA [CH]
- [A] WO 9916705 A1 19990408 - FIBRETECH LIMITED [GB], et al
- See references of WO 2014138588A1

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CN107419573A

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)

US 2014255691 A1 20140911; CA 2904061 A1 20140912; CN 105723024 A 20160629; EP 2964823 A1 20160113; EP 2964823 A4 20161116; RU 2015137973 A 20170411; WO 2014138588 A1 20140912

DOCDB simple family (application)

US 201414200775 A 20140307; CA 2904061 A 20140307; CN 201480025764 A 20140307; EP 14759707 A 20140307; RU 2015137973 A 20140307; US 2014021770 W 20140307