

Title (en)

APPLICATION AND ACTIVATION OF DURABLE WATER REPELLANT USING A DENSIFIED FLUID

Title (de)

ANWENDUNG UND AKTIVIERUNG EINES DAUERHAFTEN WASSERABWEISERS MIT VERDICHETER FLÜSSIGKEIT

Title (fr)

APPLICATION ET ACTIVATION D'UN HYDROFUGE DURABLE AU MOYEN D'UN FLUIDE DENSIFIÉ

Publication

EP 2981646 A4 20170125 (EN)

Application

EP 14756773 A 20140228

Priority

- US 201361770964 P 20130228
- US 201414192545 A 20140227
- US 2014019397 W 20140228

Abstract (en)

[origin: US2014237783A1] A pressurized system using densified fluid can apply and/or activate durable water repellant. Durable water repellant bound to fibers of an article of clothing can be activated by first removing contaminants via a pressurized densified fluid cleaning process and thereafter imputing energy into the durable water repellant via the article's interaction with the densified fluid and its gaseous rinse cycle.

IPC 8 full level

D06L 1/04 (2006.01); **D06L 1/00** (2017.01); **D06M 23/10** (2006.01)

CPC (source: EP US)

D06B 19/007 (2013.01 - EP US); **D06B 21/02** (2013.01 - EP US); **D06L 1/00** (2013.01 - EP US); **D06M 13/265** (2013.01 - EP US); **D06M 15/256** (2013.01 - US); **D06M 15/277** (2013.01 - EP US); **D06M 15/576** (2013.01 - EP US); **D06M 15/643** (2013.01 - US); **D06M 15/657** (2013.01 - EP US); **D06M 23/105** (2013.01 - EP US); **D06M 2200/12** (2013.01 - US); **D10B 2401/021** (2013.01 - US)

Citation (search report)

- [X] WO 0183873 A1 20011108 - MICELL TECHNOLOGIES INC [US], et al
- [X] WO 9811293 A1 19980319 - UNIV MASSACHUSETTS LOWELL [US]
- [X] WO 0001871 A1 20000113 - FEDEGARI AUTOCLAVI [IT], et al
- See references of WO 2014134435A2

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 2014237783 A1 20140828; BR 112015020839 A2 20170718; CN 105121733 A 20151202; CN 105121733 B 20170524; EP 2981646 A2 20160210; EP 2981646 A4 20170125; JP 2016513191 A 20160512; KR 20150143454 A 20151223; US 2016265155 A1 20160915; WO 2014134435 A2 20140904; WO 2014134435 A3 20141023

DOCDB simple family (application)

US 201414192545 A 20140227; BR 112015020839 A 20140228; CN 201480023153 A 20140228; EP 14756773 A 20140228; JP 2015560347 A 20140228; KR 20157026726 A 20140228; US 2014019397 W 20140228; US 201615160740 A 20160520