

Title (en)

NON-WOVEN BASED ON EXPLODED OR SPLITTABLE MULTICOMPONENT FIBERS

Title (de)

FASERVLIEN AUS EXPLODIERTEN ODER SPALTBAREN MEHRKOMPONENTENFASERN

Title (fr)

NON-TISSE A BASE DE FIBRES A COMPOSANTS MULTIPLES, ECLATEES OU SUSCEPTIBLES D'ETRE DIVISEES

Publication

EP 1613802 A2 20060111 (EN)

Application

EP 04727975 A 20040416

Priority

- IT 2004000220 W 20040416
- IT MI20030805 A 20030417

Abstract (en)

[origin: WO2004092472A2] A hydro-entangled non-woven based on multi-component fibers, either exploded or splittable by hydro-entangling, and a process for the obtaining of the same is described: the thus obtained non-woven has improved softness, resistance and appearance and increases the productive potential of a future industrial line.

IPC 1-7

D04H 13/00; **D04H 3/10**; **D04H 3/02**

IPC 8 full level

D04H 1/425 (2012.01); **D04H 1/4266** (2012.01); **D04H 1/4291** (2012.01); **D04H 1/4374** (2012.01); **D04H 1/4382** (2012.01); **D04H 1/49** (2012.01); **D04H 1/492** (2012.01); **D04H 1/495** (2012.01); **D04H 1/498** (2012.01); **D04H 1/56** (2006.01); **D04H 1/732** (2012.01); **D04H 3/02** (2006.01); **D04H 3/16** (2006.01); **D04H 13/00** (2006.01)

CPC (source: EP US)

D04H 1/425 (2013.01 - EP US); **D04H 1/4266** (2013.01 - EP US); **D04H 1/4291** (2013.01 - EP US); **D04H 1/4374** (2013.01 - EP US); **D04H 1/43825** (2020.05 - EP US); **D04H 1/43838** (2020.05 - EP US); **D04H 1/49** (2013.01 - EP US); **D04H 1/492** (2013.01 - EP US); **D04H 1/495** (2013.01 - EP US); **D04H 1/498** (2013.01 - EP US); **D04H 1/56** (2013.01 - EP US); **D04H 1/732** (2013.01 - EP US); **D04H 3/16** (2013.01 - EP US); **D04H 13/00** (2013.01 - EP US); **Y10T 442/689** (2015.04 - EP US)

Citation (search report)

See references of WO 2004092472A2

Cited by

EP3425098A1; CN108442034A; RU2655203C2; US10406565B2; WO2015124335A1; WO2015124334A1; WO2017032778A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004092472 A2 20041028; **WO 2004092472 A3 20041229**; EP 1613802 A2 20060111; EP 1613802 B1 20140723; ES 2518318 T3 20141105; IT MI20030805 A1 20041018; US 2007033779 A1 20070215

DOCDB simple family (application)

IT 2004000220 W 20040416; EP 04727975 A 20040416; ES 04727975 T 20040416; IT MI20030805 A 20030417; US 55216304 A 20040416