Title (en)

ELASTIC SPUNBONDED NONWOVEN AND ELASTIC NONWOVEN FABRIC COMPRISING THE SAME

Title (de)

ELASTISCHES SPINNVLIES UND ELASTISCHE VLIESFASER DAMIT

Title (fr)

NON TISSÉ FILÉ-LIÉ ÉLASTIQUE ET ÉTOFFE NON TISSÉE ÉLASTIQUE LE COMPRENANT

Publication

EP 2094891 A2 20090902 (EN)

Application

EP 08785501 A 20080812

Priority

- EP 2008006622 W 20080812
- EP 07017656 A 20070910
- EP 08785501 A 20080812

Abstract (en)

[origin: EP2034057A1] The spunbonded nonwoven (W) has high elastic recovery properties and comprises a plurality of multicomponent filaments. Each multicomponent filament, preferably of the sheath/core type, comprises a first polymeric component (P) and a second polymeric component (P'). The first polymeric component (P) comprises an elastic propylene-based olefin copolymer, and the second polymeric component (P') comprises an elastic propylene-based olefin and has a melt flow rate MFR2 that is higher than the melt flow rate MFR1 of the first polymeric component. Said elastic spunbonded nonwoven (W) can be easily bonded with polyolefin-based nonwoven layer(s), especially polypropylene-based layer(s), in order to make a composite nonwoven, particularly suitable for the hygienic industry (diapers, ...).

IPC 8 full level

D01F 8/06 (2006.01)

CPC (source: EP US)

D01D 5/0985 (2013.01 - EP US); **D01F 8/06** (2013.01 - EP US); **D04H 3/02** (2013.01 - EP US); **D04H 3/147** (2013.01 - EP US); **D04H 13/00** (2013.01 - EP US); Y10T 442/602 (2015.04 - EP US)

Citation (search report)

See references of WO 2009033540A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2034057 A1 20090311; CA 2697552 A1 20090319; CA 2697552 C 20151006; EP 2094891 A2 20090902; EP 2094891 B1 20180307; US 2009068912 A1 20090312; WO 2009033540 A2 20090319; WO 2009033540 A3 20090528

DOCDB simple family (application)

EP 07017656 A 20070910; CA 2697552 A 20080812; EP 08785501 A 20080812; EP 2008006622 W 20080812; US 20682808 A 20080909