

Title (en)
THERMALLY BOUND NON-WOVEN MATERIAL

Title (de)
THERMISCH GEBUNDENER VLIESTOFF

Title (fr)
NON-TISSE LIE THERMIQUEMENT

Publication
EP 1866469 B1 20130717 (DE)

Application
EP 06707417 A 20060304

Priority
• EP 2006001992 W 20060304
• DE 102005015550 A 20050404

Abstract (en)
[origin: WO2006105836A1] The invention relates to a thermally bound non-woven material containing a low-shrinkage dual-component core-sheath fibre consisting of a crystalline polyester core and a crystalline polyester sheath which has a melting point at least 10 °C lower than the core, the heat-shrinkage characteristic of said fibre being less than 10% at 170 °C.

IPC 8 full level
D01F 8/14 (2006.01); **D04H 1/42** (2012.01); **D04H 1/54** (2012.01); **D04H 1/541** (2012.01); **D04H 1/55** (2012.01); **D04H 1/74** (2006.01)

CPC (source: EP KR US)
D01D 5/34 (2013.01 - KR); **D01F 8/14** (2013.01 - EP KR US); **D04H 1/435** (2013.01 - EP KR US); **D04H 1/43828** (2020.05 - EP KR US); **D04H 1/54** (2013.01 - EP US); **D04H 1/5412** (2020.05 - EP KR US); **D04H 1/5418** (2020.05 - EP KR US); **D04H 1/55** (2013.01 - EP KR US); **D04H 1/74** (2013.01 - EP KR US); **Y10T 428/24942** (2015.01 - EP US); **Y10T 428/2495** (2015.01 - EP US); **Y10T 442/60** (2015.04 - EP US); **Y10T 442/607** (2015.04 - EP US); **Y10T 442/641** (2015.04 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006105836 A1 20061012; CN 101151406 A 20080326; CN 101151406 B 20110706; DE 102005015550 A1 20061026; DE 102005015550 B4 20090723; DE 102005015550 C5 20130207; DK 1866469 T3 20131014; EP 1866469 A1 20071219; EP 1866469 B1 20130717; ES 2429537 T3 20131115; KR 100942879 B1 20100217; KR 20070116279 A 20071207; PL 1866469 T3 20131231; US 2008308490 A1 20081218; US 2012129032 A1 20120524; US 8124550 B2 20120228; US 8481437 B2 20130709

DOCDB simple family (application)
EP 2006001992 W 20060304; CN 200680010843 A 20060304; DE 102005015550 A 20050404; DK 06707417 T 20060304; EP 06707417 A 20060304; ES 06707417 T 20060304; KR 20077024939 A 20060304; PL 06707417 T 20060304; US 201113301968 A 20111122; US 91057506 A 20060304