

Title (en)
Bicomponent fibre for producing spun nonwoven fabrics

Title (de)
Bikomponentenfaser zur Herstellung von Spinnvliesen

Title (fr)
Fibre bicomposants destinée à la fabrication de matières non tissées

Publication
EP 2826897 B1 20190529 (DE)

Application
EP 14002316 A 20140707

Priority
• DE 102013011703 A 20130715
• DE 102013014918 A 20130911

Abstract (en)
[origin: US2015017866A1] A bi-component fiber (1), in particular for the production of spunbond fabrics (4), with a first component (2) and a second component (3), whereby the first component (2) has a first polymer as an integral part and the second component has a second polymer as an integral part. It is provided that the difference between the melt-flow indices of the first component (2) and the second component (3) is less than or equal to 25 g/10 minutes and that the melt-flow indices of the first component (2) and the second component (3) in each case are less than or equal to 50 g/10 minutes.

IPC 8 full level
D01F 8/06 (2006.01); **D04H 1/541** (2012.01)

CPC (source: EP US)
D01F 8/06 (2013.01 - EP US); **D01F 8/18** (2013.01 - US); **D04H 1/5412** (2020.05 - EP US); **D04H 1/5414** (2020.05 - EP US); **D04H 1/5416** (2020.05 - EP US); **D04H 3/005** (2013.01 - EP US); **D04H 3/147** (2013.01 - EP US); **Y10T 428/2929** (2015.01 - EP US); **Y10T 442/637** (2015.04 - EP US)

Citation (examination)
• US 2004038612 A1 20040226 - FORBES BRIAN [US], et al
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Citation (opposition)
Opponent : BASF SE
• EP 2343406 A1 20110713 - MITSUI CHEMICALS INC [JP]
• US 2010047571 A1 20100225 - BIESER JOHN [US], et al
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• WO 2004018746 A1 20040304 - KIMBERLY CLARK CO [US]
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Opponent : Carl Freudenberg KG
• WO 2004018746 A1 20040304 - KIMBERLY CLARK CO [US]
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Designated contracting state (EPC)

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DOCDB simple family (application)

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