

Title (en)
SPUNBOND FABRICS COMPRISING PROPYLENE-BASED ELASTOMER COMPOSITIONS AND METHODS THEREOF

Title (de)
SPINNVLIESTOFFE MIT ELASTOMERZUSAMMENSETZUNGEN AUF PROPYLENBASIS UND VERFAHREN DAFÜR

Title (fr)
TISSUS FILÉS-LIÉS COMPRENANT DES COMPOSITIONS ÉLASTOMÈRES À BASE DE PROPYLÈNE, ET LEURS PROCÉDÉS

Publication
EP 3303675 A4 20190109 (EN)

Application
EP 15893753 A 20150605

Priority
CN 2015080848 W 20150605

Abstract (en)
[origin: WO2016192097A1] A polymer composition for forming spunbond fabrics offers a unique combination of simplicity and processability, while allowing fabrics formed therefrom to exhibit suitable elasticity and/or tensile strength. The polymer composition includes an propylene-based elastomer component exhibiting a particular combination of MFR and comonomer content, so as to allow for improved processability with minimal, if any, need for blending partners in the polymer composition, while still permitting fabrics formed therefrom to exhibit improved elasticity and/or tensile strength.

IPC 8 full level
C08L 23/16 (2006.01); **D01F 6/30** (2006.01); **D04H 3/007** (2012.01); **D04H 3/14** (2012.01); **D01F 1/10** (2006.01); **D01F 6/46** (2006.01)

CPC (source: EP KR)
C08L 23/12 (2013.01 - KR); **C08L 23/16** (2013.01 - EP KR); **D01F 1/10** (2013.01 - KR); **D01F 6/30** (2013.01 - EP KR); **D04H 3/007** (2013.01 - EP KR); **D04H 3/14** (2013.01 - EP KR); **D01F 1/10** (2013.01 - EP); **D01F 6/46** (2013.01 - EP)

Citation (search report)

- [XAI] WO 2010039579 A1 20100408 - EXXONMOBIL CHEM PATENTS INC [US], et al
- [XA] EP 2106422 A1 20091007 - EXXONMOBIL CHEM PATENTS INC [US]
- [A] US 2013143461 A1 20130606 - RICHESON GALEN C [US], et al
- [AD] "Vistamaxx™ Performance Polymer / Ultrahigh Melt Flow Rate Polypropylene (UHMFR PP) Blend for Elastic Spunbond Fabric with Enhanced Processability", IP.COM JOURNAL, IP.COM INC., WEST HENRIETTA, NY, US, 30 October 2014 (2014-10-30), XP013165322, ISSN: 1533-0001
- See references of WO 2016192097A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2016192097 A1 20161208; BR 112017022413 A2 20180710; CN 107614774 A 20180119; CN 107614774 B 20200811; EP 3303675 A1 20180411; EP 3303675 A4 20190109; KR 102001758 B1 20191001; KR 20170134652 A 20171206

DOCDB simple family (application)
CN 2015080848 W 20150605; BR 112017022413 A 20150605; CN 201580079479 A 20150605; EP 15893753 A 20150605; KR 20177031974 A 20150605