

Title (en)

PROCESS FOR FORMING SYNTHETIC FIBERS AND FIBERS, YARNS AND CARPETS PRODUCED THEREBY

Title (de)

VERFAHREN ZUR HERSTELLUNG VON KUNSTFASERN UND DARAUS HERGESTELLTE FASERN, GARNE UND TEPPICHE

Title (fr)

PROCÉDÉ DE FORMATION DE FIBRES SYNTHÉTIQUES ET FIBRES, FILS ET TAPIS AINSI OBTENUS

Publication

**EP 3307929 A4 20190306 (EN)**

Application

**EP 16780989 A 20160418**

Priority

- US 201562149160 P 20150417
- US 2016028065 W 20160418

Abstract (en)

[origin: WO2016168807A1] Processes for forming synthetic fibers from polymer melts containing a first fiber forming polymer, a spin assist additive, and optionally a pigment additive are provided. Also provided are synthetic fibers of a first fiber forming polymer, a spin assist additive, and optionally a pigment additive, as well as articles of manufacture such as yarns, carpets and fabrics made up of these synthetic fibers.

IPC 8 full level

**D01D 1/04** (2006.01); **D01D 5/08** (2006.01)

CPC (source: EP US)

**D01D 5/08** (2013.01 - EP US); **D01D 5/10** (2013.01 - US); **D01F 1/04** (2013.01 - EP US); **D01F 1/10** (2013.01 - EP US); **D01F 6/90** (2013.01 - EP US); **D01F 6/905** (2013.01 - EP US); **D01F 6/46** (2013.01 - US); **D01F 6/60** (2013.01 - US)

Citation (search report)

- [X1] US 5075168 A 19911224 - MARUYAMA SEIICHIRO [JP], et al
- [X1] US 8557170 B2 20131015 - DURAND ROLAND [FR], et al
- [X1] US 6090494 A 20000718 - RAO SUNDAR MOHAN [US]
- See references of WO 2016168807A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 2016168807 A1 20161020**; EP 3307929 A1 20180418; EP 3307929 A4 20190306; US 2019055671 A1 20190221

DOCDB simple family (application)

**US 2016028065 W 20160418**; EP 16780989 A 20160418; US 201615752674 A 20160418