Title (en)
   NONWOVEN

Title (de)
   VLIESSTOFF

Title (fr)
   MATÉRIAU NON TISSÉ

Publication
   EP 2013384 A1 20090114 (DE)

Application
   EP 07724352 A 20070419

Priority
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   • DE 102006020488 A 20060428

Abstract (en)
   [origin: DE102006020488A1] Polymer thread comprises a thermoplastic polymer and an inorganic filler material, where the amount of filler material present is greater than 10 % with an average particle size (D 50) of =6 mu m. Independent claims are included for a procedure for the preparation of polymer fiber/flat textile structure comprising mixing polymer granulate with a particles of filler material; extruding the mixture through one or more spinning nozzle; removing the formed polymer thread; optionally stretching and/or relaxing the formed filament; and rolling the formed thread.

IPC 8 full level
   D01F 1/02 (2006.01); **D04H 3/00** (2012.01); **D01D 5/08** (2006.01); **D01F 1/10** (2006.01); **D01F 6/00** (2006.01); **D01F 8/00** (2006.01); **D04H 1/42** (2012.01); **D04H 1/4291** (2012.01); **D04H 3/005** (2012.01); **D04H 3/007** (2012.01); **D04H 3/02** (2006.01); **D04H 3/16** (2006.01)

CPC (source: EP US)
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Citation (search report)
   See references of WO 2007124866A1

Designated contracting state (EPC)
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   DE 102006020488 A1 20071031; **DE 102006020488 B4 20170323**; AT E459736 T1 20100315; BR PI0710984 A2 20110531; BR PI0710984 B1 20180502; CN 101432472 A 20090513; DE 502007003010 D1 20100415; EP 2013384 A1 20090114; EP 2013384 B1 20100303; EP 2013384 B2 20140115; ES 2340815 T3 20100609; ES 2340815 T5 20140430; JP 2009534549 A 20090924; MX 2008013609 A 20090212; PL 2013384 T3 20100730; PL 2013384 T5 20140630; RU 2008147001 A 20100610; RU 2010132636 A 20120210; RU 2408745 C2 20110110; RU 2570872 C2 20151210; UA 98457 C2 20120525; US 10087555 B2 20181002; US 2009104831 A1 20090423; US 2015191853 A1 20150709; US 8987152 B2 20150324; WO 2007124866 A1 20071108

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