

Title (en)
POLYOLEFIN YARNS AND METHOD FOR MANUFACTURING

Title (de)
POLYOLEFINGARNE UND VERFAHREN ZUR HERSTELLUNG

Title (fr)
FILS DE POLYOLEFINE ET PROCEDE DE FABRICATION

Publication
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Application
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Abstract (en)
The invention relates to a multifilament yarn having a tenacity of at least 12 cN/dtex, and comprising a plurality of spun ultrahigh molecular weight polyolefin filaments, the filaments comprising a hard filler, characterized in that the titer of any one of said spun filaments is at least 10 dtex.

IPC 8 full level
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Citation (applicant)
• WO 2005066401 A1 20050721 - DSM IP ASSETS BV [NL], et al
• EP 0504954 A1 19920923 - DSM NV [NL]
• "Handbook of Technical Textiles"

Citation (search report)
• [XAI] WO 2004033773 A1 20040422 - DSM IP ASSETS BV [NL], et al
• [XAI] US 8057897 B2 20111115 - TAM THOMAS YIU-TAI [US], et al
• [A] WO 2006010521 A1 20060202 - DSM IP ASSETS BV [NL], et al
• [A] WO 2008045440 A2 20080417 - DU PONT [US], et al
• [A] EP 0845551 A2 19980603 - HOECHST CELANESE CORP [US]
• [A] EP 0282220 A2 19880914 - MITSUI PETROCHEMICAL IND [JP]
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WO 2014096228 A1 20140626; AU 2013366684 A1 20150702; AU 2016216564 A1 20160901; AU 2016216564 B2 20180510; BR 112015014483 A2 20170711; BR 122016018714 A2 20190827; CA 2894148 A1 20140626; CN 104870700 A 20150826; CN 106149140 A 20161123; EP 2935666 A1 20151028; EP 3118355 A1 20170118; JP 2016507662 A 20160310; JP 2017031545 A 20170209; JP 6436091 B2 20181212; KR 20150096412 A 20150824; KR 20160086985 A 20160720; US 2015337464 A1 20151126; US 2017298537 A1 20171019

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EP 2013077449 W 20131219; AU 2013366684 A 20131219; AU 2016216564 A 20160816; BR 112015014483 A 20131219; BR 122016018714 A 20131219; CA 2894148 A 20131219; CN 201380066406 A 20131219; CN 201610658439 A 20131219; EP 13814124 A 20131219; EP 16178786 A 20131219; JP 2015548583 A 20131219; JP 2016146173 A 20160726; KR 20157016057 A 20131219; KR 20167018765 A 20131219; US 201314653149 A 20131219; US 201615298173 A 20161019