

Title (en)

STRETCHABLE POLYMERIC FIBERS AND ARTICLES PRODUCED THEREFROM

Title (de)

DEHNBARE POLYMERFASERN UND DARAUS HERGESTELLTE ARTIKEL

Title (fr)

FIBRES POLYMERES ETIRABLES ET ARTICLES FABRIQUES A PARTIR DE CELLES-CI

Publication

EP 1320638 A1 20030625 (EN)

Application

EP 01981385 A 20010928

Priority

- US 0131190 W 20010928
- US 23614500 P 20000929

Abstract (en)

[origin: WO227083A1] A stretchable synthetic polymer fiber comprises an axial core formed from an elastomeric polymer, and two or more wings formed from a non-elastomeric polymer attached to the core. The fiber has a substantially radially symmetric cross-section. Such fibers can be used to form garments, such as hosiery.

IPC 1-7

D01F 8/04; **D01F 8/12**; **D01F 8/14**; **D01F 8/16**; **D01D 5/30**; **D01D 5/253**

IPC 8 full level

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CPC (source: EP KR)

D01D 5/253 (2013.01 - EP); **D01D 5/30** (2013.01 - EP); **D01F 8/04** (2013.01 - EP KR); **D01F 8/12** (2013.01 - EP); **D01F 8/14** (2013.01 - EP); **D01F 8/16** (2013.01 - EP)

Cited by

EP3375918A4

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AT DE FR GB IT

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WO 0227083 A1 20020404; AT E298015 T1 20050715; AU 1303002 A 20020408; CN 1250787 C 20060412; CN 1466635 A 20040107; DE 60111548 D1 20050721; DE 60111548 T2 20060511; EP 1320638 A1 20030625; EP 1320638 B1 20050615; JP 2004518828 A 20040624; KR 100760796 B1 20071004; KR 20030061371 A 20030718; MX PA03002752 A 20040504; TW 567258 B 20031221

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US 0131190 W 20010928; AT 01981385 T 20010928; AU 1303002 A 20010928; CN 01816616 A 20010928; DE 60111548 T 20010928; EP 01981385 A 20010928; JP 2002530840 A 20010928; KR 20037004474 A 20030328; MX PA03002752 A 20010928; TW 90124144 A 20010928