

Title (en)
STRETCHABLE FIBERS OF POLYMERS, SPINNERETS USEFUL TO FORM THE FIBERS, AND ARTICLES PRODUCED THEREFROM

Title (de)
DEHNBARE POLYMERFASERN, SPINNDÜSEN ZU IHRER HERSTELLUNG UND DARAUS HERGESTELLTE ARTIKEL

Title (fr)
FIBRES POLYMERIQUES EXTENSIBLES, FILIERES UTILISEES POUR FORMER CES FIBRES, ET ARTICLES PRODUITS A PARTIR DESDITES FIBRES

Publication
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Application
EP 01981381 A 20010928

Priority
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• US 23614400 P 20000929

Abstract (en)
[origin: WO0227082A1] A stretchable synthetic polymer fiber comprising an axial core formed from an elastomeric polymer, and two or more wings attached to the core and formed from a non-elastomeric polymer, wherein preferably at least one of the wings is mechanically locked with the axial core. The fibers can be used to form garments, such as hosiery. A spinneret pack for producing such fibers is also provided.

IPC 1-7
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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
US9617685B2; US9605126B2; US10293289B2; USRE49773E

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WO 0227082 A1 20020404; AT E302865 T1 20050915; AU 1302602 A 20020408; CN 1216191 C 20050824; CN 1466636 A 20040107; DE 60112954 D1 20050929; DE 60112954 T2 20060622; EP 1322802 A1 20030702; EP 1322802 B1 20050824; JP 2004514797 A 20040520; KR 100760797 B1 20071004; KR 20040005826 A 20040116; MX PA03002753 A 20040504; TW 580527 B 20040321

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