

Title (en)

Antimicrobial filaments, method for their manufacture and use thereof

Title (de)

Antimikrobiell ausgerüstete Fäden, Verfahren zu deren Herstellung und deren Verwendung

Title (fr)

Fils antimicrobiens, leur procédé de fabrication et d'utilisation

Publication

**EP 1967618 A3 20130501 (DE)**

Application

**EP 08001369 A 20080125**

Priority

DE 102007011076 A 20070307

Abstract (en)

[origin: EP1967618A2] A textile fibre consists of a thermoplastic elastomer and a polymer with a melting point of less than 10[deg] C below that of the thermoplastic elastomer, and a halogenised Phenol. The thermoplastic is a polyurethane- elastomer, a thermoplastiic polyester-elastomer, thermoplastic styrol block-copolymer or a combination of these. The secondary polymer is polyester, polycarbonate, polyamide, or polyolefin.

IPC 8 full level

**D01F 1/10** (2006.01); **D01F 6/44** (2006.01); **D01F 6/88** (2006.01); **D03D 15/56** (2021.01)

CPC (source: EP US)

**D01F 1/103** (2013.01 - EP US); **D01F 6/44** (2013.01 - EP US); **D01F 6/88** (2013.01 - EP US); **Y10T 428/249932** (2015.04 - EP US); **Y10T 442/30** (2015.04 - EP US); **Y10T 442/40** (2015.04 - EP US); **Y10T 442/615** (2015.04 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 08001369 A 20080125**; DE 102007011076 A 20070307; JP 2008049891 A 20080229; US 7079708 A 20080221