

Title (en)
COATED EXTENDED CHAIN POLYOLEFIN FIBER

Publication
EP 0091547 B2 19930224 (EN)

Application
EP 83101727 A 19830223

Priority
US 35997682 A 19820319

Abstract (en)
[origin: EP0091547A1] High tenacity, high modulus ultrahigh molecular weight fibers of polyethylene or polypropylene are coated with polyethylene, polypropylene or an ethylene and/or propylene copolymer. The coating improves certain properties of the monofilament or multifilament, including adhesion to various matrices in complex composites and resistance of the fiber to fibrillation.

IPC 1-7
D06M 15/227

IPC 8 full level
B32B 5/00 (2006.01); **D01F 6/04** (2006.01); **D01F 6/06** (2006.01); **D01F 11/06** (2006.01); **D06M 15/227** (2006.01); **D06M 101/00** (2006.01); **D06M 101/16** (2006.01); **D06M 101/18** (2006.01); **D06M 101/30** (2006.01)

CPC (source: EP)
D06M 15/227 (2013.01)

Cited by
WO2018185047A1; WO2017060469A1; US5972484A; US5568747A; EA030165B1; WO2018184821A1; US6168855B1; DE102005051550A1; CN108138402A; CN114381858A; CN108137827A; JP2018535847A; WO2011154383A1; JP2017031545A; WO2013139784A1; WO2018185049A1; EP3964611A1; WO2017060461A1; US11149122B2

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0091547 A1 19831019; EP 0091547 B1 19860806; EP 0091547 B2 19930224; CA 1198862 A 19860107; DE 3365055 D1 19860911; JP 2604347 B2 19970430; JP S58169521 A 19831006

DOCDB simple family (application)
EP 83101727 A 19830223; CA 423581 A 19830315; DE 3365055 T 19830223; JP 4697783 A 19830319