

Title (en)

HIGH ELONGATION, LOW DENIER FIBERS USING HIGH EXTRUSION RATE SPINNING

Title (de)

DURCH HOHE EXTRUSIONSGESCHWINDIGKEIT GESPONNENE FASER MIT EINER NIEDRIGEN DENIER-ZAHL UND HOHER BRUCHDEHNUNG

Title (fr)

FIBRES DE FAIBLE DENIER, A ALLONGEMENT ELEVE, OBTENUES PAR FILAGE A VITESSE D'EXTRUSION ELEVEE

Publication

EP 1461479 A1 20040929 (EN)

Application

EP 02789964 A 20021203

Priority

- US 0238381 W 20021203
- US 34060101 P 20011214

Abstract (en)

[origin: WO03052179A1] Low denier, high extensible fibers, soft extensible nonwoven webs comprising such fibers, and disposable articles comprising such nonwoven webs are obtained by spinning a polymer composition through small diameter holes.

IPC 1-7

D01D 5/098; **D01F 6/04**; **D01F 6/06**; **D01F 6/62**; **D04H 3/16**

IPC 8 full level

D01D 5/098 (2006.01); **D01F 6/04** (2006.01); **D01F 6/06** (2006.01); **D01F 6/62** (2006.01); **D04H 3/00** (2006.01); **D04H 3/02** (2006.01); **D04H 3/16** (2006.01)

CPC (source: EP US)

D01D 5/098 (2013.01 - EP US); **D01F 6/04** (2013.01 - EP US); **D01F 6/06** (2013.01 - EP US); **D01F 6/62** (2013.01 - EP US); **D04H 3/02** (2013.01 - EP US); **Y10T 428/2904** (2015.01 - EP US); **Y10T 428/2913** (2015.01 - EP US); **Y10T 428/2915** (2015.01 - EP US); **Y10T 442/602** (2015.04 - EP US); **Y10T 442/614** (2015.04 - EP US); **Y10T 442/626** (2015.04 - EP US)

Citation (search report)

See references of WO 03052179A1

Cited by

DE102005025055A1; DE102005025055B4

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

WO 03052179 A1 20030626; AU 2002352998 A1 20030630; CA 2470378 A1 20030626; CN 1615380 A 20050511; EP 1461479 A1 20040929; JP 2005513279 A 20050512; US 2003124348 A1 20030703

DOCDB simple family (application)

US 0238381 W 20021203; AU 2002352998 A 20021203; CA 2470378 A 20021203; CN 02827320 A 20021203; EP 02789964 A 20021203; JP 2003553045 A 20021203; US 31902102 A 20021213