

Title (en)
ELASTIC NONWOVEN CLOTH AND FIBER PRODUCT

Title (de)
ELASTISCHER VLIESTOFF UND FASERPRODUKT DARAUS

Title (fr)
TISSU NON-TISSÉ ÉLASTIQUE ET PRODUIT FIBREUX

Publication
EP 2543759 A4 20130731 (EN)

Application
EP 11750614 A 20110228

Priority
• JP 2010044492 A 20100301
• JP 2011054551 W 20110228

Abstract (en)
[origin: EP2543759A1] To provide an elastic nonwoven cloth that is excellent in elastic recovery property and has pleasant texture without stickiness, and a fiber product using the elastic nonwoven cloth, by an elastic nonwoven cloth containing fibers that are spun at a spinning speed of from 500 to 2,500 m/min and contain a low crystalline polypropylene that satisfies (a) [mmmm] = 20 to 60% by mol, (b) [rrrr]/(1-[mmmm]) # 0.1, (c) [rmm] > 2.5% by mol, (d) [mm]×[rr]/[mr] 2 # 2.0, (e) weight average molecular weight (Mw) = 10,000 to 200,000, and (f) molecular weight distribution (Mw/Mn) < 4, and a fiber product using the elastic nonwoven cloth.

IPC 8 full level
D04H 3/00 (2012.01); **D01F 8/06** (2006.01); **D04H 3/007** (2012.01); **D04H 3/16** (2006.01)

CPC (source: EP US)
D01F 8/06 (2013.01 - EP US); **D04H 3/005** (2013.01 - EP US); **D04H 3/007** (2013.01 - EP US); **D04H 3/147** (2013.01 - EP US); **Y10T 442/602** (2015.04 - EP US)

Citation (search report)
• [X] US 2009124153 A1 20090514 - DHARMARAJAN NARAYANASWAMI RAJA [US], et al
• [X] JP 2003027331 A 20030129 - IDEMITSU PETROCHEMICAL CO
• See references of WO 2011108504A1

Cited by
CN105121729A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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