Title (en)

Method of making a textile product from a fiber blend including wool fibers and a woven textile product made therefrom

Title (de)

Verfahren zur Herstellung von Textilien aus Fasermischungen enthaltend Wollfasern und hohle Polyproylenfasern und damit hergestellte gewebte Textilien

Title (fr)

Procédé pour la manufacture de textiles à partir d' un mélange de fibres contenant des fibres de laine et de fibres creuses de polypropylene et textiles tissés obtenus par ce procédé

Publication

EP 2110472 A1 20091021 (EN)

Application

EP 09157928 A 20090415

Priority

• TW 97113921 A 20080417
• TW 97121896 A 20080612

Abstract (en)

A method of making a textile product includes the steps of: first-steaming a first fiber bundle; twisting the first fiber bundle; second-steaming the first fiber bundle; drawing the first fiber bundle; third-steaming the first fiber bundle; untwisting the first fiber bundle; producing long hollow polypropylene filaments; drawing the polypropylene filaments; heating the polypropylene filaments; crimping the polypropylene filaments, followed by heating and shape-setting the same in an oven; cutting the polypropylene filaments into staple fibers, followed by forming the staple fibers into a second fiber bundle; mixing the first and second fiber bundles to obtain a fiber blend; and spinning the fiber blend.

IPC 8 full level

D03D 15/00 (2006.01)

CPC (source: EP)

D02G 3/04 (2013.01); D10B 2211/02 (2013.01); D10B 2321/022 (2013.01)

Citation (search report)

• [A] US 3078543 A 19630226 - GODFREY BLOCH
• [A] GB 976888 A 19641202 - ARTHUR HERBERT OGDEN
• [A] GB 876928 A 19610906 - MONTEDISON SPA

Cited by

CN106702569A; US10271999B2; US10646381B2; US11202725B2; US11491057B2; US11213436B2; US10357410B2; US11135103B2; US11324645B2; US11633311B2; US11766367B2; US11813150B2; US11998431B2

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 MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2110472 A1 20091021; **EP 2110472 B1 20110330**; AT E503874 T1 20110415; DE 602009000965 D1 20110512; TW 200944631 A 20091101; TW I362436 B 20120421

DOCDB simple family (application)

EP 09157928 A 20090415; AT 09157928 T 20090415; DE 602009000965 T 20090415; TW 97121896 A 20080612