

Title (en)

Primary carpet backing and tufted carpet backing

Title (de)

Primäre Teppichrückseite und Tuft-Teppich-Rückseite

Title (fr)

Endos de tapis primaire et endos de tapis touffeté

Publication

EP 3009553 A1 20160420 (EN)

Application

EP 14195815 A 20141202

Priority

- EP 14189015 A 20141015
- EP 14195815 A 20141202

Abstract (en)

A primary carpet backing is provided comprising at least one non-woven layer, wherein the at least one non-woven layer comprises fibers which contact one another at contact zones, wherein the fibers comprise i) first fibers which are manufactured from a first fiber forming polymer, and second fibers which are manufactured from a second fiber forming polymer, or ii) multicomponent fibers which comprise at least a first component manufactured from a first component forming polymer and at least a second component manufactured from a second component forming polymer, characterized in that both the first fiber forming polymer and the first component forming polymer is at least one polyamide, both the second fiber forming polymer and the second component forming polymer is at least one bonding polymer, the first fibers are melt bonded at their contact zones with the second fibers by a solidified melt, or the multicomponent fibers are melt bonded at their contact zones by a solidified melt, and the solidified melt is a solidified melt of the at least one bonding polymer, wherein the bonding polymer is obtained by polymerization of an olefin having a terminal or a non-terminal double bond. Furthermore a tufted backing is provided comprising pile yarns and the primary carpet backing.

IPC 8 full level

D05C 17/02 (2006.01); **D06N 7/00** (2006.01)

CPC (source: EP)

D04H 3/147 (2013.01); **D05C 17/02** (2013.01); **D06N 7/0065** (2013.01); **D06N 7/0068** (2013.01); **D06N 2201/0254** (2013.01); **D06N 2201/0263** (2013.01); **D06N 2201/10** (2013.01)

Citation (applicant)

"Nonwoven Fabrics", WILEY-VCH VERLAG GMBH & CO KGAA

Citation (search report)

- [X1] WO 03069039 A1 20030821 - COLBOND BV [NL], et al
- [A] WO 2011069996 A1 20110616 - COLBOND BV [NL], et al
- [A] US 2007172630 A1 20070726 - JONES DAVID M [US], et al
- [A] WO 9823445 A1 19980604 - K2 INC [US]
- [X1] WO 2014016172 A1 20140130 - BONAR BV [NL]

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WO2023036625A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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