

Title (en)
A METHOD TO MANUFACTURE A TEXTILE PRODUCT, A USE THEREOF, THE PRODUCT ITSELF, AND A DEVICE FOR APPLYING THE METHOD

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES TEXTILPRODUKTS, VERWENDUNG DAVON, DAS PRODUKT SELBST UND VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)
PROCÉDÉ POUR FABRIQUER UN PRODUIT TEXTILE, SON UTILISATION, LE PRODUIT LUI-MÊME ET DISPOSITIF PERMETTANT D'APPLIQUER CE PROCÉDÉ

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Abstract (en)
[origin: WO2017077043A1] The present invention pertains to a method to manufacture a textile product, in particular a carpet product such as broadloom carpet, carpet tiles, mats and rugs, comprising a first sheet having polyamide yarns fastened to this sheet to form a pile thereon, the method comprising providing the sheet, stitching the polyamide yarns through the sheet to form the pile on a first surface of the sheet, the pile extending for a predetermined length from this first surface, and to form loops of the yarns at a second surface of the sheet, and fastening the yarns to the sheet by creating a layer of fused material on the second surface of the sheet using heat, wherein during creating the layer of fused material, at least the distal half of the length of the pile is maintained at a temperature at least 70 °C below the melting temperature of the polyamide. The invention also pertains to a method to use a textile product obtained with the new method and a device for applying the said method.

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Citation (opposition)
Opponent : DenK iP bv
• WO 2014198731 A1 20141218 - DSM IP ASSETS BV [NL]
• US 2002132084 A1 20020919 - FINK WILBERT E [US], et al
• US 5556684 A 19960917 - FORERO MIGUEL [CO]
• EP 2172589 A1 20100407 - N T T DI ADRIANO MOIOLI & C S [IT]
• WO 2012076348 A2 20120614 - NIAGA BV [NL], et al
• WO 2015104395 A1 20150716 - DSM IP ASSETS BV [NL]
• US 2012219751 A1 20120830 - NISHIDA SOHEI [JP], et al

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