

Title (en)
PILE FABRIC AND PROCESS FOR PRODUCING SAME

Title (de)
FLORGEWEBE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
TISSU À POILS ET PROCÉDÉ POUR SA PRODUCTION

Publication
EP 2500455 A4 20140101 (EN)

Application
EP 09851107 A 20091109

Priority
JP 2009069054 W 20091109

Abstract (en)
[origin: EP2500455A1] Provided are a pile fabric whose pile fibers are inhibited from falling off without impairing the texture by fusing only a specific area of the pile fabric, and a method of producing the same. A pile fabric of the present invention is a pile fabric 5, including: a ground structure; and pile fibers 2 that are intertwined with ground yarns 1 constituting the ground structure and napped on a front surface of the ground structure, wherein the pile fibers 2 comprise at least one selected from the group consisting of acrylic fibers and acrylic-based fibers and have a softening point lower than a softening point of fibers constituting the ground structure. Among the pile fibers 2 intertwined with the ground yarns 1 constituting the ground structure, at least part of the pile fibers 2 located outside of the ground yarns 1 constituting the ground structure are fused but the pile fibers 2 napped on the front surface of the ground structure are not fused. Further, a method of producing a pile fabric of the present invention includes a process of performing a contact heating/pressurization at a temperature equal to or higher than the softening point of the pile fibers 2 and lower than the softening point of the fibers constituting the ground structure from a back surface side of the ground structure.

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D03D 15/587 (2021.01 - EP); **D03D 27/02** (2013.01 - EP); **D03D 27/12** (2013.01 - KR); **D04B 1/025** (2013.01 - EP US); **D04B 1/04** (2013.01 - KR); **D04B 21/04** (2013.01 - KR); **D10B 2401/041** (2013.01 - EP US); **D10B 2403/0111** (2013.01 - EP US); **Y10T 428/2395** (2015.04 - EP US)

Citation (search report)

- [XY] US 4668552 A 19870526 - SCOTT EDDIE W [US]
- [Y] EP 0330415 A2 19890830 - MINNESOTA MINING & MFG [US]
- See references of WO 2011055455A1

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