

Title (en)
Textile floor covering

Title (de)
Textiler Bodenbelag

Title (fr)
Revêtement de sol textile

Publication
EP 1193340 A3 20020626 (DE)

Application
EP 01120277 A 20010823

Priority
DE 10048152 A 20000928

Abstract (en)
[origin: EP1193340A2] The textile floor covering, and especially a carpet, is a wool nonwoven (1) as the base material, with yarn sections at the upper surface forming a pile (3) in structured zones. The yarn sections are secured to the wool nonwoven base by local adhesive. The yarn sections can be knitted or tufted on to a carrier material (2), which is bonded to the base (1) by adhesion or stitching. Or the yarn sections are knitted or tufted directly into the wool nonwoven base (1). The wool nonwoven base (1), as a felt material, can have a carrier layer through it with openings in the base to be filled with the pile (3), where the pile yarn sections are knitted or tufted into the carrier layer or the carrier material (2), which is bonded in place in alignment with the openings. The yarn sections are prepared gathered bundles, to be bonded by an adhesive to the woven carrier. Elements can be bonded to the under side of the wool nonwoven base (1), at the openings, for the yarn sections to be pulled up from the carrier material in tufts, leaving projections on either side to form a woven underlay as a bottom layer of the floor covering. A woven carrier layer, with wool nonwoven elements bonded to it by an adhesive or stitching, has yarn sections filling the spaces between them to form a pile (3) bonded to the woven carrier.

IPC 1-7
D06N 7/00; **D04H 11/00**; **D05C 17/02**

IPC 8 full level
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Citation (search report)

- [A] DE 1883414 U 19631128 - SCHWEIKERT PAUL [DE]
- [A] GB 2145750 A 19850403 - WOOL DEV INT
- [A] DE 8690183 U1 19880107
- [A] DE 19706164 A1 19980820 - GIRMES GMBH [DE]
- [A] DE 4300147 A1 19940714 - CORONET WERKE GMBH [DE]
- [A] DE 3017102 A1 19811119 - FREUDENBERG CARL FA [DE]

Cited by
RU2472881C2; US8475026B2; US8215788B2; US8353602B2; US8388184B2; US10436399B2; WO2009066224A1

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