

Title (en)

YARN WITH HEAT-ACTIVATED BINDER MATERIAL AND PROCESS OF MAKING

Title (de)

GARN MIT EINEM DURCH HITZE AKTIVIERTEN BINDEMATERIAL UND VERFAHRENSGANG

Title (fr)

FIL COMPRENANT UN MATERIAU DE LIAISON ACTIVE PAR LA CHALEUR ET PROCEDE DE PRODUCTION DE CE FIL

Publication

EP 1038059 B1 20030730 (EN)

Application

EP 98948411 A 19980918

Priority

- US 9819745 W 19980918
- US 93382297 A 19970919

Abstract (en)

[origin: WO9914408A1] Yarn suitable for tufting comprises a base fiber ring spun or wrap spun with a second fiber at least partially comprising a heat-activated adhesive material such that the yarn includes from 0.1 to 12, preferably 0.25 to 10, weight percent adhesive material having a melting point within the range of 105 DEG to 190 DEG C, more preferably 165 DEG to 190 DEG C. A preferred base fiber is a synthetic staple fiber bundle. A preferred wrapping or insert fiber is a copolyamide fiber, including ternary copolyamides of the 6/66/12 type. When the yarn is twist set by conventional processes and then tufted into carpet, the resulting carpet displays enhanced wear and appearance properties.

IPC 1-7

D02G 3/40; **D05C 17/02**

IPC 8 full level

D02G 3/40 (2006.01); **D05C 17/02** (2006.01)

CPC (source: EP)

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Citation (examination)

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- US 4668552 A 19870526 - SCOTT EDDIE W [US]
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