

Title (en)

PROCESS FOR MANUFACTURING A NON WOVEN TEXTILE SHEET, AND THE NON WOVEN TEXTILE SHEET

Publication

**EP 0054686 B1 19850130 (DE)**

Application

**EP 81108908 A 19811026**

Priority

CH 950680 A 19801223

Abstract (en)

[origin: EP0054686A1] 1. Process for manufacturing a multi-layer non-woven textile sheet material (1) with a tufted and additionally structured useful surface, comprising an under-layer (6), a carrier layer (3) which is smooth in its starting condition and carries closed or open textile loops, and a looped textile layer (4) which is structured or patterned in the finished product and which forms the useful surface, in which threads from the under-layer (6) are needled from the rear surface of the carrier layer (3) at least partially through this carrier layer (3), characterised in that the under-layer (6) comprises, or contains, ball-like or vermicular fibre bodies (5) of spherically wound fibres, and that at least some of these ball-like or vermicular fibre bodies (5) are needled through the carrier layer (3) with a change in their original form in such a way that they extend with their ball-like shaped head portion (5') into the looped textile layer (4) which forms the useful surface.

IPC 1-7

**D04H 11/08**; **D04H 1/46**

IPC 8 full level

**D04H 1/46** (2012.01); **D04H 11/08** (2006.01)

CPC (source: EP)

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Cited by

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**EP 0054686 A1 19820630**; **EP 0054686 B1 19850130**; AT E11578 T1 19850215; CA 1165990 A 19840424; CH 637516 B; CH 637516G A3 19830815; DE 3168673 D1 19850314

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