

Title (en)
APPARATUS FOR MAKING TUFTED PRODUCTS

Publication
EP 0582214 A3 19940720 (DE)

Application
EP 93112133 A 19930729

Priority
• DE 4225859 A 19920805
• DE 4240134 A 19921128

Abstract (en)
[origin: EP0582214A2] In an apparatus for making textile pile fabric, with a transport device (6, 7) driveable in steps for at least one tensioned carrier-fabric web (3 or 4), with at least one tufting-needle bar (10) which extends transversely relative to the web transport direction and carries a plurality of tufting needles (12) arranged at a distance from one another and which is movable transversely to the web transport plane, the tufting needles (12) which take up a respective tufting thread (13) pricking through each carrier fabric web (3 or 4) and forming a loop (15), and with a loop-holder device movable to and fro, which is arranged opposite the tufting-needle bar (10) and engages into the loops (15) and which preferably inserts a binding thread (18) into these, a high pile density and nevertheless a sturdy design and clearly understandable arrangement of the engagement members (17) of the loop-holding device can be achieved in that each tufting-needle bar (10) has at least one tufting-needle row (11) extending obliquely relative to the web transport direction and having a plurality of tufting needles (12) arranged obliquely in succession, and in that each tufting-needle row (11) of this kind is assigned a common engagement member (17), of which the stroke travelling in the longitudinal direction of the row corresponds at least to the length of the associated tufting-needle row (11). <IMAGE>

IPC 1-7
D05C 15/16; **D05C 15/38**; **D05C 15/10**

IPC 8 full level
D05C 15/08 (2006.01); **D05C 15/12** (2006.01); **D05C 15/16** (2006.01); **D05C 15/38** (2006.01)

CPC (source: EP US)
D05C 15/12 (2013.01 - EP US); **D05C 15/16** (2013.01 - EP US); **D05C 15/38** (2013.01 - EP US)

Citation (search report)
• [DA] DE 1785451 B1 19710218 - GIRMES WERKE AG
• [A] US 2975737 A 19610321 - LUKINS RICHARD H
• [A] FR 2292794 A1 19760625 - GOULET MICHEL [FR]
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US 5357886 A 19941025; AT E143426 T1 19961015; EP 0582214 A2 19940209; EP 0582214 A3 19940720; EP 0582214 B1 19960925; JP H06158513 A 19940607

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