

Title (en)

Knitted fabric for interior trims of motor vehicles

Title (de)

Wirkware für Innenbekleidung von Kraftfahrzeugen

Title (fr)

Tricot pour la garniture intérieure de véhicules automobiles

Publication

EP 0952246 A1 19991027 (FR)

Application

EP 99490009 A 19990330

Priority

FR 9805432 A 19980424

Abstract (en)

The knitted fabric with a raised nap, for the lining of automobile interior furnishings, is shaped into a complex three-dimensional structure by the outer visible shaped structure, with a foam and a rigid support system. The material is produced on a knitter with a gauge of 36-40 with a yarn thickness of ≥ 44 dtex. The knitter has two bars with a 40 gauge, with yarn thickness of 17-44 dtex fed to each bar. The material has a stitch density of 20-30 stitches/cm. The length of the needle bars is set to use up 40-55 cm of yarn for 240 stitches for the first ground needles and 50-75 cm for 240 stitches at the second needle bar. The fabric weight is 75 g/m² using two gauge 40 bars using yarns of 22 dtex and 33 dtex is in a stitch structure of: Bar I Bar II 0 2 1 3 - - 2 1 1 0 The fine nap raising of the fabric gives an over-thickness of 0.1-0.3 mm.

Abstract (fr)

Le tricot gratté de l'invention constitue le revêtement d'aspect d'une garniture intérieure pour véhicule automobile, réalisée par déformation tridimensionnelle d'une structure complexe formée par la superposition du revêtement d'aspect, éventuellement d'une mousse, et d'un support de rigidification. Ce tricot a un grammage au m² de 65 à 85 et il est obtenu sur un métier de jauge 36 à 40 avec des fils de titrage d'au plus 44 dtex.

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D04B 21/04

IPC 8 full level

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CPC (source: EP)

D04B 21/04 (2013.01)

Citation (search report)

- [A] FR 1415472 A 19651022 - WIRKWARENFABRIK GERHARD ROSCH
- [A] US 4881383 A 19891121 - SPILLANE ROBERT T [US], et al
- [A] FR 2211019 A5 19740712 - FLORIN MICHEL [FR]
- [A] FR 2671812 A1 19920724 - DELCER TEXTILE [FR]
- [A] PATENT ABSTRACTS OF JAPAN vol. 95, no. 1 28 February 1995 (1995-02-28)

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