Title (en)

MULTIFILAMENT TEXTILE YARNS WITH HOLLOW SECTION, METHOD FOR MAKING SAME, AND TEXTILE SURFACES OBTAINED FROM SAID YARNS

Title (de)

TEXTILFÄDEN AUS MULTIFILAMENTEN MIT HOHLQUERSCHNITT, HERSTELLUNGSVERFAHREN UND DARAUS HERGESTELLTE TEXTIL-FLÄCHENGEBILDE

Title (fr)

FILS TEXTILES MULTIFILAMENTAIRES A SECTION CREUSE, PROCEDE DE FABRICATION DE CES FILS, ET SURFACES TEXTILES OBTENUES AVEC CES FILS

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Application

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Abstract (en)

[origin: US6565972B1] The invention concerns a multifilament textile yarn whereof the filaments or staples have a hollow section, a method for making said hollow yarn, and textile surfaces obtained from said yarns. More particularly, it concerns a method for making multifilament yarns comprising hollow filaments obtained by melt-drawing of a polyamide composition having a yarn count less than 10 dtex for each staple and whereof the staples with hollow section have a central hollow surface representing at least 5% of the total surface in said staple transfer section. The invention is characterized in that the yarn has an USTER coefficient (U %) less than 3% and a number of staple with arc-shaped section less than 30% of the total number of staples with hollow section. The flat yarns, twisted and textured are used in particular for mixing textile surfaces, such as woven or knitted fabric.

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