

Title (en)

MONOFILAMENTS WITH IMPROVED WEAVABILITY AND USE OF THE FABRICS PRODUCED THEREWITH

Title (de)

MONOFILAMENTE MIT VERBESSERTER WEBBARKEIT, SOWIE VERWENDUNG DER DAMIT HERGESTELLTEN GEWEBE

Title (fr)

MONOFILAMENTS A PROPRIETES DE TISSAGE AMELIOREES, ET UTILISATION DES TISSUS FABRIQUES AVEC CES MONOFILAMENTS

Publication

**EP 0663966 B1 19990113 (DE)**

Application

**EP 94920865 A 19940727**

Priority

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- CH 235593 A 19930806

Abstract (en)

[origin: WO9504847A1] Monofilament with a diameter < 0,1 mm produced by the incorporation of a polydialkyl siloxane unit with an Si content in the monofilament of 0.05 to 2.0 % wt., modified in such a way that, after drawing to an elongation at break < 30 %, said monofilament has a strength of at least 45 cN/tex and at the same time a modulus of elasticity at an extension of 5 % > 500 cN/tex and a thread-thread coefficient of friction  $\mu$  < 0.30 and a ceramic/thread coefficient of friction  $\mu$  < 0.50. The monofilaments are used for the non-peeling and abrasion-free production of dense precision fabrics for filter media, strainers and screens for serigraphy.

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**D01F 6/84**

IPC 8 full level

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