

Title (en)
MONOFILAMENTS WITH IMPROVED WEAVABILITY AND THEIR USE

Title (de)
MONOFILAMENTE MIT VERBESSERTER WEBBARKEIT, SOWIE DEREN VERWENDUNG

Title (fr)
MONOFILAMENTS A PROPRIETES DE TISSAGE AMELIOREES, ET LEUR UTILISATION

Publication
EP 0663966 B2 20020502 (DE)

Application
EP 94920865 A 19940727

Priority
• CH 9400156 W 19940727
• 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 μ < 0.30 and a ceramic/thread coefficient of friction μ < 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.

IPC 1-7
D01F 6/84

IPC 8 full level
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CPC (source: EP)
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Citation (opposition)
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WO 9501471 A1 19950112 - SCHWEIZERISCHE VISCOSE [CH], et al

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