

Title (en)

DIRT-REPELLENT MONOFILAMENT FOR PAPER MACHINE FILTERS, PROCESS FOR ITS PRODUCTION AND ITS USE

Title (de)

SCHMUTZABWEISENDES MONOFILAMENT FUER PAPIERMASCHINENSIEBE, VERFAHREN ZU DESSEN HERSTELLUNG UND VERWENDUNG

Title (fr)

MONOFILAMENT ANTISALISSURES POUR TAMIS DE MACHINE A PAPIER, SON PROCEDE DE FABRICATION ET SON APPLICATION

Publication

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Application

**EP 93917512 A 19930817**

Priority

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- CH 9300206 W 19930817

Abstract (en)

[origin: US5472780A] PCT No. PCT/CH93/00206 Sec. 371 Date Apr. 29, 1994 Sec. 102(e) Date Apr. 29, 1994 PCT Filed Aug. 17, 1990 PCT Pub. No. WO94/05835 PCT Pub. Date Mar. 17, 1994. The soil-repellent monofilament for paper machine wire-cloths consists of at least 85% by weight of polyethylene terephthalate having a viscosity index (V.I.) of at least 96 dl/g and an added copolymer prepared from alkenes and perfluoroalkenes having a melting point from 255 DEG to 275 DEG C. To make the soil-repellent monofilament 1.5 to 5% by weight of tetrafluoroethylene is included by addition to the polymer melt of polyethylene terephthalate prior to extrusion. The soil-repellent monofilament produced by this method has a soiling index of <2 after 5 soiling and cleaning cycles.

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**D01F 6/92**

IPC 8 full level

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CPC (source: EP US)

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