

Title (en)
LOW WICK CONTINUOUS FILAMENT POLYESTER YARN

Title (de)
POLYESTERFILAMENTGARN MIT NIEDRIGER DOCHTWIRKUNG

Title (fr)
FIL DE POLYESTER CONTINU A FAIBLE EFFET DE MECHE

Publication
EP 1733079 A1 20061220 (EN)

Application
EP 05731588 A 20050318

Priority
• US 2005008989 W 20050318
• US 55511104 P 20040322

Abstract (en)
[origin: WO2005093140A1] The present invention teaches a filament yarn that has low wicking, i.e., less than or equal to about 6 mm; has a contact angle of greater than or equal to about 65° but less than about 90° according to the straw method; and a static voltage of +/- 400 volts (between -400 to +400 volts). Such yarns are traditionally employed in weaving signs, banners, awning, tents and other products where moisture resistant yarn is important. The yarns can be made into fabrics that possess the same features as the yarn, namely low wicking, and water and oil repellency.

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