

Title (en)  
LOW WICK CONTINUOUS FILAMENT POLYESTER YARN

Title (de)  
LOWICK-POLYESTERFILAMENTGARN

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

Publication  
**EP 1733079 A4 20081001 (EN)**

Application  
**EP 05731588 A 20050318**

Priority  
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• 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.

IPC 8 full level  
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**B32B 5/02** (2013.01 - KR); **B32B 27/12** (2013.01 - KR); **D01F 6/60** (2013.01 - KR); **D06M 13/08** (2013.01 - EP); **D06M 15/277** (2013.01 - EP); **G09F 7/00** (2013.01 - EP); **G09F 17/00** (2013.01 - EP)

Citation (search report)  
• [Y] WO 0032854 A1 20000608 - DOW CHEMICAL CO [US]  
• [Y] WO 9302235 A1 19930204 - EASTMAN KODAK CO [US]  
• See references of WO 2005093140A1

Cited by  
US7494709B2

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

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