

Title (en)
PIGMENTED STAIN RESISTANT NYLON FIBER

Publication
EP 0421971 A3 19910717 (EN)

Application
EP 90870158 A 19901002

Priority
US 41740689 A 19891005

Abstract (en)
[origin: EP0421971A2] Nylon carpet fibers are provided which have excellent resistance to being stained by acid dye food colorants. The fibers are prepared from pigmented nylon polymer that has been modified to contain aromatic sulfonated units as an integral part of its polymer chain.

IPC 1-7
D01F 6/80

IPC 8 full level
D01F 6/80 (2006.01)

CPC (source: EP)
D01F 6/80 (2013.01)

Citation (search report)
• [XP] EP 0373655 A2 19900620 - DU PONT [US]
• [X] US 3640942 A 19720208 - CRAMPSEY EDWARD
• [A] US 3565910 A 19710223 - ELBERT DONALD L, et al
• [A] US 3142662 A 19640728 - HUFFMAN WILLIAM A H
• [XP] DATABASE WPIL, no. 90-199000, Derwent Publications Ltd, London, GB; & JP-A-2 133 613 (TEIJIN)

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US5958548A; US5340886A; US6680018B2; US5350426A; US6117550A; EP0517203A3; US5545363A; US5548037A; US5562871A; US6133382A; US6753385B2; US6861480B2; US5830572A; US6537475B1; US6433107B1; WO9208828A1; US6635346B2; US6420044B1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

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