

Title (en)

Pigmented stain resistant nylon fiber.

Title (de)

Pigmentierte fleckenabweisende Nylonfaser.

Title (fr)

Fibre de nylon teintée résistante aux taches.

Publication

**EP 0421971 A2 19910410 (EN)**

Application

**EP 90870158 A 19901002**

Priority

US 41740689 A 19891005

Abstract (en)

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 1/04; D01F 6/80**

IPC 8 full level

**D01F 6/80** (2006.01)

CPC (source: EP)

**D01F 6/80** (2013.01)

Cited by

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

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0421971 A2 19910410; EP 0421971 A3 19910717**

DOCDB simple family (application)

**EP 90870158 A 19901002**