

Title (en)
WHITE BLACKOUT FABRIC

Publication
EP 0356100 A3 19900816 (EN)

Application
EP 89308235 A 19890814

Priority
• US 23301388 A 19880817
• US 36208489 A 19890605

Abstract (en)
[origin: EP0356100A2] A white blackout fabric is formed from fibers substantially without blending, the fibers including core components having .001-.002 weight % of carbon black as a light blocking substance therein so as to substantially prevent the transmission of light therethrough, and sheath components having 1.0-2.0 weight % of TiO₂ as a whitening agent therein, the core components and the sheath components having a weight of approximately 3 denier. Additionally, a white blackout fiber is provided which includes a core and a sheath. The core includes carbon black and titanium dioxide, and the sheath includes titanium dioxide. The ratio of titanium dioxide to carbon black is approximately 1,000 to 1 and the percentage by weight of titanium dioxide in the sheath to the weight of polyester is in the approximate range of 0-4%.

IPC 1-7
D01F 8/04; **D01F 1/04**

IPC 8 full level
D01F 1/04 (2006.01); **D01F 8/04** (2006.01); **D01F 8/14** (2006.01); **D03D 15/00** (2006.01); **D06C 15/00** (2006.01); **D06C 23/04** (2006.01); **D06C 29/00** (2006.01)

CPC (source: EP)
D01F 1/04 (2013.01); **D01F 8/04** (2013.01)

Citation (search report)
• [AD] US 3968307 A 19760706 - MATSUI MASAO, et al
• [AD] US 3803453 A 19740409 - HULL D
• [AD] US 2932079 A 19600412 - HANS-JOACHIM DIETZSCH, et al
• [A] PATENT ABSTRACTS OF JAPAN vol. 4, no. 190 (C-37)(672) 26 December 1980, & JP-A-55 128015 (TORAY) 3 October 1980,
• [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 115 (C-578)(3463) 20 March 1989, & JP-A-63 288215 (TEIJIN) 25 November 1988,

Cited by
KR19980068467A; US5888651A; US7709568B2; US7989531B2

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

DOCDB simple family (publication)
EP 0356100 A2 19900228; **EP 0356100 A3 19900816**; CA 1331079 C 19940802; JP H0284517 A 19900326; JP H0762286 B2 19950705

DOCDB simple family (application)
EP 89308235 A 19890814; CA 607865 A 19890809; JP 21201489 A 19890816