

Title (en)  
Ultraviolet-resistant fabrics and methods for making them

Title (de)  
UV-Licht-beständige Stoffe und Herstellungsverfahren dafür

Title (fr)  
Tissus résistants aux ultraviolets et procédés de fabrication

Publication  
**EP 2377991 B1 20151028 (EN)**

Application  
**EP 11159705 A 20060420**

Priority  
• EP 11159705 A 20060420  
• EP 06750876 A 20060420  
• US 2006014960 W 20060420

Abstract (en)  
[origin: WO2007133177A2] Embodiments of the invention can provide a protective fabric includes a plurality of inherently flame resistant fibers, and at least one ultraviolet-resistant additive incorporated into the inherently flame resistant fibers through a dye process using a carrier, wherein the ultraviolet-resistant additive significantly increases at least one of the strength retention and the colorfastness of the fabric when exposed to ultraviolet radiation.

IPC 8 full level  
**D06M 13/13** (2006.01); **A41D 31/00** (2006.01); **D06M 13/184** (2006.01); **D06M 13/352** (2006.01); **D06P 1/642** (2006.01); **D06P 1/653** (2006.01)

CPC (source: EP)  
**D06M 13/00** (2013.01); **D06M 13/13** (2013.01); **D06M 13/1845** (2013.01); **D06M 13/352** (2013.01); **D06P 1/64** (2013.01); **D06P 1/642** (2013.01); **D06P 1/6426** (2013.01); **D06P 1/653** (2013.01); **D06P 1/6536** (2013.01); **A41D 31/08** (2019.01); **A41D 2400/26** (2013.01); **D06M 2200/25** (2013.01)

Citation (examination)  
• US 3888821 A 19750610 - MILFORD JR GEORGE NOEL  
• US 5470921 A 19951128 - KAUL BANSI L [CH], et al

Cited by  
US11946173B2

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DOCDB simple family (publication)  
**WO 2007133177 A2 20071122**; **WO 2007133177 A3 20080522**; CA 2649935 A1 20071122; CA 2649935 C 20150623; EP 2007943 A2 20081231; EP 2007943 B1 20120516; EP 2377991 A2 20111019; EP 2377991 A3 20111228; EP 2377991 B1 20151028; ES 2386553 T3 20120822; ES 2557321 T3 20160125; PL 2007943 T3 20121031

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