

Title (en)

FLAME RETARDANT FIBER BLENDS COMPRISING MODACRYLIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM

Title (de)

FLAMMFESTE FASERGEMISCHE MIT MODACRYLfasern SOWIE DARAUS HERGESTELLTE TEXTILE FLÄCHENGEBILDE UND KLEIDUNGSSTÜCKE

Title (fr)

MELANGES DE FIBRES IGNIFUGES COMPRENANT DES FIBRES MODACRYLIQUES ET TISSUS ET VETEMENTS FABRIQUES A PARTIR DESDITS MELANGES

Publication

EP 1649089 B1 20070214 (EN)

Application

EP 04809521 A 20040728

Priority

- US 2004024460 W 20040728
- US 62929903 A 20030728

Abstract (en)

[origin: US2005025963A1] An intimate blend of staple fibers has from 10 to 75 parts by weight of at least one aramid staple fiber, from 15 to 80 parts by weight of at least one modacrylic staple fiber, and from 5 to 30 parts by weight of at least one polyamide staple fiber. The intimate blend of staple fibers provides yarns and fabrics that are flame retardant, also referred to as fire resistant, and can be used to make flame retardant articles, such as clothing. The flame retardant fabrics may have a basis weight from 4 to 15 ounces per square yard.

IPC 8 full level

D02G 3/04 (2006.01); **D02G 3/44** (2006.01)

CPC (source: EP KR US)

D02G 3/04 (2013.01 - KR); **D02G 3/047** (2013.01 - EP US); **D02G 3/44** (2013.01 - KR); **D02G 3/443** (2013.01 - EP US); **D10B 2321/101** (2013.01 - EP US); **D10B 2331/02** (2013.01 - EP US); **D10B 2331/021** (2013.01 - EP US); **Y10T 428/2913** (2015.01 - EP US)

Cited by

US11598027B2

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

US 2005025963 A1 20050203; BR PI0411627 A 20060808; CA 2529923 A1 20050414; CN 1829831 A 20060906; DE 602004004792 D1 20070329; DE 602004004792 T2 20071122; EP 1649089 A2 20060426; EP 1649089 B1 20070214; JP 2007500802 A 20070118; KR 20060041293 A 20060511; MX PA06001010 A 20060411; WO 2005033382 A2 20050414; WO 2005033382 A3 20050623

DOCDB simple family (application)

US 62929903 A 20030728; BR PI0411627 A 20040728; CA 2529923 A 20040728; CN 200480021860 A 20040728; DE 602004004792 T 20040728; EP 04809521 A 20040728; JP 2006522055 A 20040728; KR 20067001910 A 20060127; MX PA06001010 A 20040728; US 2004024460 W 20040728