

Title (en)
TREATED INHERENTLY FLAME RESISTANT POLYESTER FABRICS

Title (de)
BEHANDELTE IN SICH SCHWER ENTFLAMMBARE POLYESTERTEXTILIEN

Title (fr)
TISSUS EN POLYESTER RÉSISTANT AUX FLAMMES TRAITÉ INTRINSÈQUEMENT

Publication
EP 1750942 A1 20070214 (EN)

Application
EP 04752723 A 20040520

Priority
US 2004015754 W 20040520

Abstract (en)
[origin: WO2005118290A1] A textile article having flame resistant properties includes a plurality of inherently flame resistant polyester fibers formed into a fabric, and a finish on the fabric including a cyclic phosphonate flame retardant. The finish imparts a property selected from the group consisting of : a molecularly bound antimicrobial agent which is an organosilane; a fluorochemical soil and fluid repellant, and the finished textile article has a flame resistance that passes the standard method NFPA 701 - 1996 edition testing protocol.

IPC 8 full level
B32B 27/34 (2006.01); **D03D 15/12** (2006.01); **D06M 11/71** (2006.01); **D06M 13/08** (2006.01); **D06M 13/288** (2006.01); **D06M 13/513** (2006.01); **D06M 15/256** (2006.01); **D06M 15/643** (2006.01); **D06M 101/32** (2006.01)

CPC (source: EP US)
D03D 15/513 (2021.01 - EP US); **D06M 11/71** (2013.01 - EP); **D06M 13/08** (2013.01 - EP); **D06M 13/288** (2013.01 - EP); **D06M 13/513** (2013.01 - EP); **D06M 15/256** (2013.01 - EP); **D06M 15/643** (2013.01 - EP); **D06M 2101/32** (2013.01 - EP); **D06M 2200/30** (2013.01 - EP)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005118290 A1 20051215; AU 2004320319 A1 20051215; CA 2567347 A1 20051215; CA 2567347 C 20120131; EP 1750942 A1 20070214; EP 1750942 A4 20090603

DOCDB simple family (application)
US 2004015754 W 20040520; AU 2004320319 A 20040520; CA 2567347 A 20040520; EP 04752723 A 20040520