

Title (en)
FLAME RESISTANT FABRICS

Title (de)
FLAMMHEMMENDE GEWEBE

Title (fr)
TISSUS IGNIFUGES

Publication
EP 1117859 A1 20010725 (EN)

Application
EP 99944025 A 19990831

Priority
• US 9919951 W 19990831
• US 16181198 A 19980928

Abstract (en)
[origin: WO0018993A1] The present invention provides a woven flame resistant fabric comprising dissimilar warp and fill yarns, the warp yarns comprise staple or filament fibers and have a Limiting Oxygen Index of at least 27, and the fill yarns comprise natural fibers and wherein the ratio of warp to fill yarn ends in the fabric is at least 1.0.

IPC 1-7
D03D 15/12

IPC 8 full level
E04H 15/00 (2006.01); **A41D 13/02** (2006.01); **D03D 15/12** (2006.01)

CPC (source: EP US)
D03D 15/513 (2021.01 - EP US); **D10B 2331/021** (2013.01 - EP US); **Y10T 442/30** (2015.04 - EP US); **Y10T 442/3179** (2015.04 - EP US); **Y10T 442/322** (2015.04 - EP US); **Y10T 442/3228** (2015.04 - EP US)

Citation (search report)
See references of WO 0018993A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0018993 A1 20000406; AU 5700399 A 20000417; AU 751087 B2 20020808; BR 9914452 A 20010814; CA 2339583 A1 20000406; CN 1100903 C 20030205; CN 1320179 A 20011031; DE 69906334 D1 20030430; DE 69906334 T2 20040212; EP 1117859 A1 20010725; EP 1117859 B1 20030326; ES 2195607 T3 20031201; JP 2002525449 A 20020813; RU 2204631 C2 20030520; US 2001009832 A1 20010726

DOCDB simple family (application)
US 9919951 W 19990831; AU 5700399 A 19990831; BR 9914452 A 19990831; CA 2339583 A 19990831; CN 99811379 A 19990831; DE 69906334 T 19990831; EP 99944025 A 19990831; ES 99944025 T 19990831; JP 2000572434 A 19990831; RU 2001111752 A 19990831; US 72701000 A 20001130