

Title (en)

Composite flame-retardant yarn comprising two types of fibres

Title (de)

Flammhemmendes Verbundgarn aus zwei Fasertypen

Title (fr)

Fil composite anti-feu à deux types de fibres

Publication

**EP 1386987 B1 20050921 (FR)**

Application

**EP 03291896 A 20030730**

Priority

FR 0209769 A 20020731

Abstract (en)

[origin: EP1386987A1] Fire-resistant yarn comprises 70-90 wt.% flame-retarded polyvinyl alcohol fibers and 10-30 wt.% thermostable fibers made from a nonflammable material. An independent claim is also included for textiles for making protective clothing, comprising at least one textile layer woven or knitted from the fire-resistant yarn.

IPC 1-7

**D02G 3/44**

IPC 8 full level

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

CPC (source: EP US)

**D02G 3/047** (2013.01 - EP US); **D02G 3/443** (2013.01 - EP US); **Y10T 442/2631** (2015.04 - EP US)

Cited by

WO2007073540A1; WO2007073539A1

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 PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1386987 A1 20040204**; **EP 1386987 B1 20050921**; AT E305061 T1 20051015; AU 2003281834 A1 20040223; AU 2003281834 A8 20040223; CA 2493943 A1 20040212; CN 1671899 A 20050921; DE 60301652 D1 20051027; DE 60301652 T2 20060622; FR 2843132 A1 20040206; FR 2843132 B1 20041029; US 2006234578 A1 20061019; WO 2004012540 A2 20040212; WO 2004012540 A3 20040513

DOCDB simple family (application)

**EP 03291896 A 20030730**; AT 03291896 T 20030730; AU 2003281834 A 20030730; CA 2493943 A 20030730; CN 03818163 A 20030730; DE 60301652 T 20030730; FR 0209769 A 20020731; FR 0302424 W 20030730; US 52280303 A 20030730