

Title (en)  
FLAMEPROOF YARNS AND FABRICS, THEIR PREPARATION AND USE FOR THE MANUFACTURING OF FLAMEPROOF, HEAT RESISTANT, AND INSULATING PRODUCTS

Title (de)  
SCHWERENTFLAMMBARE GARNE UND TEXTILE FLÄCHENGEBILDE, DEREN HERSTELLUNG UND VERWENDUNG ZUR HERSTELLUNG VON SCHWERENTFLAMMBAREN, HITZEBESTÄNDIGEN UND ISOLIERENDEN PRODUKTEN

Title (fr)  
FILS ET TOILES IGNIFUGES, LEUR PRODUCTION ET LEUR UTILISATION POUR LA REALISATION DE PRODUITS IGNIFUGES, RESISTANTS A LA CHALEUR, ET ISOLANTS

Publication  
**EP 1425453 B1 20080528 (EN)**

Application  
**EP 02787135 A 20020717**

Priority  
• EP 0207950 W 20020717  
• IT FI20010136 A 20010718

Abstract (en)  
[origin: WO03008689A1] Yarns and fabrics are described that have simultaneously dramatic flameproof, heat resistant, and insulating properties. In addition the processes are described for their preparation and their use for the manufacturing of flameproof, heat resistant, and insulating products.

IPC 8 full level  
**A41D 31/00** (2006.01); **D04H 1/42** (2012.01); **D04H 1/4342** (2012.01); **D04H 1/46** (2012.01); **D04H 1/74** (2006.01)

CPC (source: EP US)  
**A41D 31/08** (2019.01 - EP US); **D04H 1/4291** (2013.01 - EP US); **D04H 1/4342** (2013.01 - EP US); **D04H 1/43835** (2020.05 - EP US); **D04H 1/46** (2013.01 - EP US); **D04H 1/74** (2013.01 - EP US); **D10B 2331/021** (2013.01 - EP US); **Y10T 442/50** (2015.04 - EP US)

Cited by  
EP3061837A1; EP3061838A1

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

Designated extension state (EPC)  
AL RO SI

DOCDB simple family (publication)  
**WO 03008689 A1 20030130**; AT E397111 T1 20080615; CA 2454279 A1 20030130; CN 1533455 A 20040929; DE 60226883 D1 20080710; EP 1425453 A1 20040609; EP 1425453 B1 20080528; IT FI20010136 A1 20030118; US 2004157521 A1 20040812

DOCDB simple family (application)  
**EP 0207950 W 20020717**; AT 02787135 T 20020717; CA 2454279 A 20020717; CN 02814360 A 20020717; DE 60226883 T 20020717; EP 02787135 A 20020717; IT FI20010136 A 20010718; US 48418004 A 20040114