

Title (en)
Tissue combination

Title (de)
Gewebekombination

Title (fr)
Combinaison de tissus

Publication
EP 2610376 A3 20131218 (DE)

Application
EP 12199451 A 20121227

Priority
DE 102011090173 A 20111230

Abstract (en)
[origin: CN103182815A] A fabric has inner layer and outer layer. The outer layer is woven by two kinds of yarns. The inner layer has flame-retardant lining. The first yarn mainly form the outer side face and the second yarn mainly form the inner side face. The first yarn is anti-flaming and with a fineness of at least Nm 60/2 and accounts for 65% or more (preferable 70%, 73% and 75% and more) of per unit area weight of the outer side yarn. The second yarn has comparatively low fineness.

IPC 8 full level
D03D 11/00 (2006.01); **D03D 13/00** (2006.01); **D03D 15/12** (2006.01)

CPC (source: EP US)
D03D 11/00 (2013.01 - EP); **D03D 13/008** (2013.01 - EP); **D03D 15/513** (2021.01 - EP US); **D10B 2331/021** (2013.01 - EP)

Citation (search report)

- [X] WO 02079555 A2 20021010 - EUROPROTECT FRANCE SA [FR], et al
- [A] EP 1939339 A1 20080702 - TEIJIN TECHNO PRODUCTS LTD [JP]
- [A] AT 508653 A4 20110315 - CHEMIEFASER LENZING AG [AT]
- [A] EP 1880620 A2 20080123 - TEJIDOS ESTAMBRIL S A [ES]

Cited by
CN106995965A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102011090173 B3 20130508; CN 103182815 A 20130703; CN 103182815 B 20161019; EA 023388 B1 20160531; EA 201201573 A1 20130730; EP 2610376 A2 20130703; EP 2610376 A3 20131218; EP 2610376 B1 20190306; ES 2732850 T3 20191126; UA 111719 C2 20160610

DOCDB simple family (application)
DE 102011090173 A 20111230; CN 201210596270 A 20121225; EA 201201573 A 20121219; EP 12199451 A 20121227; ES 12199451 T 20121227; UA A201214590 A 20121219