

Title (en)

Fabric for protective clothing and protective clothing

Title (de)

Gewebe für eine Schutzbekleidung und Schutzbekleidung

Title (fr)

Etoffe pour vêtement de protection et vêtement de protection

Publication

**EP 2418309 A3 20130918 (DE)**

Application

**EP 11174836 A 20110721**

Priority

DE 202010011193 U 20100809

Abstract (en)

[origin: EP2418309A2] The fabric is woven from weft and warp threads with different portion of a pigmented Para-Aramide i.e. Kevlar(RTM: para-aramid synthetic fiber). The fabric is woven with a one-sided interloop such that a large amount of the thread with a lower Para Aramide-portion is provided on an outer side of the fabric than the thread with a higher Para-Aramide-portion.

IPC 8 full level

**D03D 15/12** (2006.01); **A41D 31/00** (2006.01); **A62B 17/00** (2006.01); **D03D 1/00** (2006.01)

CPC (source: EP US)

**A41D 31/08** (2019.01 - EP); **D03D 1/0041** (2013.01 - EP); **D03D 13/004** (2013.01 - EP); **D03D 13/008** (2013.01 - EP);  
**D03D 15/52** (2021.01 - EP US); **D10B 2331/021** (2013.01 - EP); **D10B 2501/04** (2013.01 - EP)

Citation (search report)

- [X] DE 202004005008 U1 20040624 - DU PONT [US]
- [A] EP 1939339 A1 20080702 - TEIJIN TECHNO PRODUCTS LTD [JP]
- [A] EP 0118871 A1 19840919 - TRUNS TUCH UND KLEIDERFABRIK A [CH]

Cited by

DE102018203761B3; CN104908390A; CN104908395A; DE202015102141U1; DE202019005874U1

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 202010011193 U1 20101104**; CN 102373547 A 20120314; EA 021998 B1 20151030; EA 201101064 A1 20120430;  
EP 2418309 A2 20120215; EP 2418309 A3 20130918; EP 2418309 A8 20120425; EP 2418309 B1 20150930

DOCDB simple family (application)

**DE 202010011193 U 20100809**; CN 201110254712 A 20110805; EA 201101064 A 20110808; EP 11174836 A 20110721