

Title (en)
Fabric for the manufacture of personal protective equipment

Title (de)
Gewebe zur Herstellung von Arbeitsschutzkleidung

Title (fr)
Tissu pour la fabrication de vêtements de protection professionnels

Publication
EP 2666894 A1 20131127 (DE)

Application
EP 13168245 A 20130517

Priority
DE 102012208432 A 20120521

Abstract (en)
The fabric has a leg comprising a shrunk out core, high-strength synthetic fiber and a sheath of a flame-retardant cellulose natural fiber. A thread comprises another leg made of a cellulose natural fiber, where two legs comprise fineness from 40/1 - 60/1 Nm. A cross body comprises satin or ridge-free binding. One of the legs contains approximately 25 percent of the mass of synthetic fiber and about 75 percent of the mass of natural fiber, where the synthetic fiber contains polyester. The natural fiber consists of cotton, jute, kenaf, sisal, flat, Ramie, hemp or bamboo.

Abstract (de)
Ein Gewebe zur Herstellung von Arbeitsschutzkleidung weist einen Zwirn auf, der zumindest einen ersten Schenkel aufweist, der einen Kern aus einer ausgeschrumpften, hochfesten, synthetischen Faser und einen Mantel aus einer flammhemmend ausgerüsteten cellulosischen Naturfaser aufweist.

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

CPC (source: EP RU US)
D02G 3/187 (2013.01 - RU); **D02G 3/443** (2013.01 - EP); **D03D 13/008** (2013.01 - EP); **D03D 15/47** (2021.01 - EP RU US); **D03D 15/513** (2021.01 - EP RU US); **D10B 2201/06** (2013.01 - EP); **D10B 2201/08** (2013.01 - EP); **D10B 2201/20** (2013.01 - EP); **D10B 2331/04** (2013.01 - EP); **D10B 2501/04** (2013.01 - EP)

Citation (applicant)
• DE 2720633 A1 19781116 - IWS NOMINEE CO LTD
• DE 2011309 A1 19701217

Citation (search report)
• [X] US 4868041 A 19890919 - YAMAGISHI MASHIRO [JP], et al
• [X] JP 2009209488 A 20090917 - UNITIKA TEXTILES LTD, et al
• [A] US 2011191949 A1 20110811 - UNDERWOOD JOEY K [US], et al

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

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EP 2666894 A1 20131127; **EP 2666894 B1 20210818**; **EP 2666894 B8 20210929**; CN 103422219 A 20131204; DE 102012208432 A1 20131121; DE 102012208432 B4 20160714; ES 2894671 T3 20220215; RU 2013122354 A 20141120; RU 2623908 C2 20170629

DOCDB simple family (application)
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