

Title (en)

HUMAN WEARABLE GLOVE MADE OF A COMPOSITE, PROTECTIVE FABRIC

Title (de)

AUS EINEM VERBUNDSTOFF UND EINEM SCHUTZGEWEBE HERGESTELLTER, FÜR MENSCHEN TRAGBARER HANDSCHUH

Title (fr)

GANT PORTABLE PAR UN HUMAIN CONSTITUÉ D'UN TISSU COMPOSITE PROTECTEUR

Publication

EP 3402351 B1 20191120 (EN)

Application

EP 17709469 A 20170120

Priority

- US 201614992829 A 20160111
- IB 2017000027 W 20170120

Abstract (en)

[origin: WO2017122085A1] A human wearable glove (170) made of a composite, protective fabric is disclosed. The composite fabric has microflex layers (120) of woven para-aramid yarn placed in proximity to metallic mesh layers (125) of woven stainless steel mesh. The individual poly-p-phenylene terephthalamide fibers in the para-aramid yarn have a denier of less than or equal to 2 dtex. The metallic mesh layers are woven from stainless steel fibers having a diameter of 0.2 mm or less and have a mesh aperture of 0.45 mm or less. The garments made using the fabric include gloves, bullet proof vests and chain-saw resistant trousers.

IPC 8 full level

A41D 19/015 (2006.01); **A41D 19/00** (2006.01); **A41D 31/00** (2019.01)

CPC (source: EP KR RU)

A41D 19/0006 (2013.01 - EP KR RU); **A41D 19/01511** (2013.01 - EP KR RU)

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

DOCDB simple family (publication)

WO 2017122085 A1 20170720; AU 2017207036 A1 20180809; AU 2017207036 B2 20220414; BR 112018014141 A2 20181211; BR 112018014141 B1 20230131; CA 3010913 A1 20170720; CN 108697187 A 20181023; DK 3402351 T3 20200224; EP 3402351 A1 20181121; EP 3402351 B1 20191120; ES 2773701 T3 20200714; HU E048054 T2 20200528; JP 2019501309 A 20190117; KR 20180123008 A 20181114; PL 3402351 T3 20200727; PT 3402351 T 20200224; RU 2018127190 A 20200213; RU 2018127190 A3 20200303; RU 2721191 C2 20200518; ZA 201805040 B 20190529

DOCDB simple family (application)

IB 2017000027 W 20170120; AU 2017207036 A 20170120; BR 112018014141 A 20170120; CA 3010913 A 20170120; CN 201780007922 A 20170120; DK 17709469 T 20170120; EP 17709469 A 20170120; ES 17709469 T 20170120; HU E17709469 A 20170120; JP 2018536192 A 20170120; KR 20187021520 A 20170120; PL 17709469 T 20170120; PT 17709469 T 20170120; RU 2018127190 A 20170120; ZA 201805040 A 20180726