

Title (en)

SWIM SUIT, PARTICULARLY FOR COMPETITION SWIMMING

Title (de)

SCHWIMMANZUG, INSBESONDERE ZUM WETTKAMPFSCHWIMMEN

Title (fr)

MAILLOT DE BAIN, DESTINÉ EN PARTICULIER À LA NATATION DE COMPÉTITION

Publication

EP 3419452 A1 20190102 (EN)

Application

EP 16707220 A 20160222

Priority

IB 2016050936 W 20160222

Abstract (en)

[origin: WO2017144938A1] A swimsuit (1) has an outer shell (2) made of a flexible stretchable fabric, locally reinforced regions (8) in which an additional inner layer (10) of a flexible stretchable fabric is attached from inside to the outer shell (2) so that the locally reinforced regions (8) have a greater tensile stiffness than a tensile stiffness of said outer shell (2) alone, non-reinforced regions (9) formed by said outer shell (2) alone and having only the tensile stiffness of said outer shell (2) alone, wherein the stretchable fabric of the outer shell (2) and the stretchable fabric of the only locally applied inner layer (10) include both woven-in carbon fiber reinforcement, and the stretchable fabric of the outer shell (2) has bi-directionally woven-in carbon fiber reinforcement and anisotropic stretch properties.

IPC 8 full level

A41D 7/00 (2006.01); **A41D 13/00** (2006.01)

CPC (source: EP US)

A41D 7/00 (2013.01 - US); **A41D 7/005** (2013.01 - EP US); **A41D 31/185** (2019.01 - EP US); **A41D 2400/24** (2013.01 - US); **A41D 2400/38** (2013.01 - EP US); **A41D 2500/20** (2013.01 - US); **A41D 2600/10** (2013.01 - EP US)

Citation (search report)

See references of WO 2017144938A1

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)

WO 2017144938 A1 20170831; EP 3419452 A1 20190102; EP 3419452 B1 20200115; ES 2784349 T3 20200924; PL 3419452 T3 20201102; US 2019045856 A1 20190214

DOCDB simple family (application)

IB 2016050936 W 20160222; EP 16707220 A 20160222; ES 16707220 T 20160222; PL 16707220 T 20160222; US 201616078656 A 20160222