

Title (en)

A COMFORT PADDING AND A HELMET COMPRISING THE COMFORT PADDING

Title (de)

KOMFORTPOLSTERUNG UND HELM MIT KOMFORTPOLSTERUNG

Title (fr)

REMBOURRAGE DE CONFORT ET CASQUE COMPRENANT LE REMBOURRAGE DE CONFORT

Publication

EP 3422886 A4 20190320 (EN)

Application

EP 16892828 A 20161024

Priority

- SE 1650277 A 20160302
- SE 2016051033 W 20161024

Abstract (en)

[origin: WO2017151028A1] A comfort padding, configured to be attached at an innermost surface of a helmet, which is facing a wearer's head, for providing a shearing movement in the comfort padding in response to an oblique force applied to the helmet in use, the comfort padding comprising a fabric or nonwoven inner and outer layer, which are stretchable, and at least two layers of membrane material between the inner and outer layer, and between the two layers of membrane material there is a lubricant material such as gel or liquid. The membrane layer has a low friction surface allowing for a sliding movement between at least the outerlayer and the membrane material. A helmet comprising the comfort padding.

IPC 8 full level

A42B 3/12 (2006.01); **A42B 3/06** (2006.01)

CPC (source: EP US)

A42B 3/064 (2013.01 - EP US); **A42B 3/121** (2013.01 - EP US); **A42B 3/127** (2013.01 - EP US)

Citation (search report)

- [A] WO 2013104073 A1 20130718 - UNIV OTTAWA [CA], et al
- [A] WO 2006022680 A1 20060302 - FULL90 SPORTS INC [US], et al
- [A] US 2002002730 A1 20020110 - DENNIS MIKE [US], et al
- [A] US 5913412 A 19990622 - HUBER WALTER [DE], et al
- [A] JP 2006016740 A 20060119 - HONDA MOTOR CO LTD
- See references of WO 2017151028A1

Cited by

US11766083B2; EP3858178A1; IT202000001117A1

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)

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DOCDB simple family (application)

SE 2016051033 W 20161024; CN 201680083106 A 20161024; EP 16892828 A 20161024; US 201816024011 A 20180629