

Title (en)

LIMB PROTECTION DEVICE, IN PARTICULAR SHIN GUARD

Title (de)

GLIEDMASSENSCHUTZVORRICHTUNG, INSBESONDERE SCHIENBEINSCHUTZ

Title (fr)

DISPOSITIF DE PROTECTION DES MEMBRES, EN PARTICULIER PROTÈGE-TIBIA

Publication

EP 4342552 A1 20240327 (EN)

Application

EP 23199515 A 20230925

Priority

IT 202200019710 A 20220926

Abstract (en)

Protective device and in particular with a shin guard comprising:- at least one layer, optionally two or more layers (101, 102) of material superimposed on each other and coupled together, and said at least one layer or said combination of two or more layers presenting a face in contact with the body of a user and an opposite face intended to facing outwards, with means for retaining or clamping the said layer and/or said layers against the said anatomical zone and in which the said at least one layer is constituted by a material in the form of a polymeric gel and with an elasticity such as to return to the initial condition after a deformation following an impact or alternatively from an expanded plastic material which is also deformable and elastically compressible, and in which the layer (101) whose face is intended to come into contact with the user's body is made with a three-dimensional conformation, having the contact surface with the user's body areas (2, 3, 601) of contact projecting outwards towards the user's body to a greater extent than other areas (4, 5, 501) which are recessed with respect to said protruding areas and which recessed areas are interposed between said protruding areas and do not come into contact with the user's body in the absence of deformations caused by an impact.

IPC 8 full level

A63B 71/12 (2006.01)

CPC (source: EP)

A63B 71/1225 (2013.01); **A63B 2071/1258** (2013.01); **A63B 2209/00** (2013.01)

Citation (search report)

- [X] IT 202000004054 A1 20210827 - DI LEO CRISTIAN [IT]
- [X] US 9907343 B2 20180306 - LACEY SAM [US], et al
- [X] EP 1369149 A1 20031210 - EUROIN DI PALUDETTO RENATO [IT]
- [X] AU 2008234965 A1 20090528 - KNEEON AUSTRALIA PTY LTD [AU]
- [A] EP 3024637 A1 20160601 - ANOMALY ACTION SPORTS S R L [IT]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

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Designated validation state (EPC)

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DOCDB simple family (application)

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