

Title (en)
PROTECTION DEVICE

Title (de)
SCHUTZVORRICHTUNG

Title (fr)
DISPOSITIF DE PROTECTION

Publication
EP 4159071 A1 20230405 (EN)

Application
EP 22198950 A 20220930

Priority
IT 202100025253 A 20211001

Abstract (en)
The present disclosure relates to a protection device (100) including an inflatable element (101) configured to assume a deflated condition and an inflated condition and comprising a first layer (1a) and a second layer (1b), defining an internal chamber (10), and an intermediate layer (1). The intermediate layer (2) is joined, or fixed, adheringly to a first internal surface (11a) of the first layer (1a), facing towards the internal chamber (10), in first connection regions or areas (12a) and is joined, or fixed, adheringly to a second internal surface (11b) of the second layer (1b), facing towards the internal chamber (10), in second connection regions or areas (12b). The intermediate layer (2) is detached, or free, from the first internal surface (11a), in first detachment regions or areas (13a) and is detached, or free, from the second internal surface (11b) in second detachment regions or areas (13b). The present disclosure also relates to a method for protecting a user of the device (100) and a garment (1000) comprising the device (100).

IPC 8 full level
A41D 13/018 (2006.01)

CPC (source: EP)
A41D 13/018 (2013.01); **A41D 2600/102** (2013.01)

Citation (search report)
• [XAY] IT RM20080656 A1 20100610 - DAINESE SPA
• [XYI] WO 2021116931 A1 20210617 - D AIR LAB 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 MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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DOCDB simple family (publication)
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DOCDB simple family (application)
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