

Title (en)  
HEAD PROTECTION DEVICE

Title (de)  
KOPFSCHUTZGERÄT

Title (fr)  
DISPOSITIF DE PROTECTION DE LA TÊTE

Publication  
**EP 4029396 A1 20220720 (EN)**

Application  
**EP 22152209 A 20220119**

Priority  
IT 202100000884 A 20210119

Abstract (en)  
A head protection device (10, 110, 210) including at least one inflatable element (11, 111, 211) able to assume a deflated condition and an inflated condition and an inflation device (13) for inflating the inflatable element (11, 111, 211) is described. The inflatable element (11, 111, 211) includes at least one vertical body (12, 112, 212a, 212b) and a ring structure (14, 114, 214) connected to said at least one vertical body (12, 112, 212a, 212b). In the inflated condition the ring structure (14, 214, 214) is configured to surround at least partially, in a crown-like manner, a parietal zone and a frontal zone of the head. In the inflated condition, said vertical body (12, 112, 212a, 212b) is intended to support the ring structure (14, 114, 214). A wearable item which includes the head protection device (10, 110, 210) is also described.

IPC 8 full level  
**A42B 3/04** (2006.01)

CPC (source: EP)  
**A42B 3/0486** (2013.01)

Citation (search report)

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EP4338632A1; WO2024056585A1

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)  
**EP 4029396 A1 20220720; EP 4029396 B1 20240731; EP 4029396 C0 20240731**; IT 202100000884 A1 20220719

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