

Title (en)
PERSONAL PROTECTIVE DEVICE

Title (de)
PERSÖNLICHE SCHUTZVORRICHTUNG

Title (fr)
DISPOSITIF DE PROTECTION INDIVIDUELLE

Publication
EP 4292460 A1 20231220 (EN)

Application
EP 22189164 A 20220807

Priority
TW 111122075 A 20220614

Abstract (en)
A personal protective device (1) is provided, which includes a device body (10), at least one airbag unit (20), and an inflatable module (30). The device body (10) is configured to be worn on a user. The at least one airbag unit (20) is disposed on the device body (10). The inflatable module (30) is disposed on the device body (10) and connected to the at least one airbag unit (20); the inflatable module (30) is configured to inflate the at least one airbag unit (20). The inflatable module (30) includes a gas generator body (31) and a quick-release joint (32). One end of the gas generator body (31) is provided with a gas discharge part (312) and a fixed convex column (313). A socket member (321) and a fixing ring (322) respectively have predetermined fixing structures corresponding to the fixed convex column (313), so as to achieve the effects of quick disassembly, simple structure, and double tightening.

IPC 8 full level
A41D 13/018 (2006.01)

CPC (source: EP)
A41D 13/018 (2013.01)

Citation (search report)
• [A] FR 3103085 A1 20210521 - LIVBAG SAS [FR]
• [A] GB 2504740 A 20140212 - AIRBAG TECHNOLOGIES LTD [GB]
• [A] DE 102010039902 A1 20120301 - TAKATA PETRI AG [DE]
• [A] DE 102005019766 B4 20190711 - CONTINENTAL REIFEN DEUTSCHLAND GMBH [DE]

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4292460 A1 20231220; TW 202348154 A 20231216; TW I822110 B 20231111

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