

Title (en)
FLAT INFLATION DEVICE

Title (de)
FLACHE AUFBLASVORRICHTUNG

Title (fr)
DISPOSITIF DE GONFLAGE PLAT

Publication
EP 3544889 A1 20191002 (FR)

Application
EP 17811662 A 20171127

Priority
• FR 1661537 A 20161125
• FR 2017053262 W 20171127

Abstract (en)
[origin: WO2018096299A1] The present invention relates to a device (1) for the inflation (1) of an inflatable life vest, notable in that it comprises a storage casing (2) containing at least two cartridges (3) of pressurized gas which are arranged side-by-side and touching one another so as to form a row, and a release casing (4) comprising at least one striker device that makes it possible, in the event of activation, to puncture each of the said cartridges (3) simultaneously or in succession so as to release the gas they contain in gaseous form to the outside of the inflation device (1) through at least one orifice made on the release casing (4), the said storage (2) and release (4) casings being in the overall shape of a flattened hollow parallelepiped and joined together removably and in a manner that is gastight with respect to the gas contained in the said cartridges (3).

IPC 8 full level
B63C 9/23 (2006.01); **A41D 13/00** (2006.01); **A62B 33/00** (2006.01); **B60C 29/00** (2006.01); **F17C 7/00** (2006.01); **G08B 5/00** (2006.01)

CPC (source: EP US)
A41D 13/018 (2013.01 - US); **A62B 33/00** (2013.01 - EP US); **B63C 9/24** (2013.01 - EP); **F17C 7/04** (2013.01 - EP); **F17C 13/084** (2013.01 - EP); **A41D 13/018** (2013.01 - EP); **B63C 9/23** (2013.01 - EP US); **F17C 13/084** (2013.01 - US); **F17C 2201/0104** (2013.01 - EP); **F17C 2201/058** (2013.01 - EP); **F17C 2205/0111** (2013.01 - EP); **F17C 2205/0138** (2013.01 - EP); **F17C 2205/0142** (2013.01 - EP); **F17C 2205/0146** (2013.01 - EP); **F17C 2205/032** (2013.01 - EP); **F17C 2221/013** (2013.01 - EP US); **F17C 2223/0153** (2013.01 - EP); **F17C 2225/0123** (2013.01 - EP); **F17C 2260/018** (2013.01 - EP); **F17C 2270/0772** (2013.01 - EP US)

Citation (search report)
See references of WO 2018096299A1

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)
WO 2018096299 A1 20180531; EP 3544889 A1 20191002; EP 3544889 B1 20211124; ES 2906375 T3 20220418; FR 3059209 A1 20180601; FR 3059209 B1 20200103; PL 3544889 T3 20220321; US 11000079 B2 20210511; US 2019373967 A1 20191212

DOCDB simple family (application)
FR 2017053262 W 20171127; EP 17811662 A 20171127; ES 17811662 T 20171127; FR 1661537 A 20161125; PL 17811662 T 20171127; US 201716463538 A 20171127