

Title (en)

AN APPARATUS AND A METHOD FOR CONTROLLING A PULLING OF AN INFLATABLE BLADDER THROUGH AN APERTURE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM STEUERN EINES ZIEHENS EINER AUFBLASBAREN BLASE DURCH EINE ÖFFNUNG

Title (fr)

APPAREIL ET PROCÉDÉ DE COMMANDE DE LA TRACTION D'UNE VESSIE GONFLABLE À TRAVERS UNE OUVERTURE

Publication

EP 3914850 A4 20221026 (EN)

Application

EP 20744266 A 20200123

Priority

- NO 20190096 A 20190125
- NO 2020050011 W 20200123

Abstract (en)

[origin: WO2020153852A1] An apparatus (1) and a method for controlling a pulling of an inflatable bladder (B) through an aperture (3) in a wall between a chamber (5) and a structure (7) arranged on an out-side of the chamber (5), wherein the apparatus (1) comprises: - a pulling mechanism (11, 11') for pulling the bladder (B) through the aperture (3); - a cutting device (13) for providing a slit in a portion of the bladder (B) after said portion having passed the aperture (3), the cutting device (13) being responsive to a resistance of the bladder (B) against passing through the aperture (3), so that the cutting device (13) is activated and provides the slit if the resistance exceeds a predetermined level.

IPC 8 full level

F17C 7/00 (2006.01); **B65D 90/22** (2006.01); **F17C 1/02** (2006.01); **F17C 3/00** (2006.01)

CPC (source: EP NO)

B65D 90/38 (2013.01 - NO); **F17C 3/00** (2013.01 - EP); **F17C 9/00** (2013.01 - NO); **B65D 90/0093** (2013.01 - EP); **B65D 2231/00** (2013.01 - NO); **F17C 2201/018** (2013.01 - EP); **F17C 2201/035** (2013.01 - EP); **F17C 2201/052** (2013.01 - EP); **F17C 2203/0619** (2013.01 - EP); **F17C 2203/0685** (2013.01 - EP); **F17C 2221/035** (2013.01 - EP); **F17C 2223/0153** (2013.01 - EP); **F17C 2223/033** (2013.01 - EP); **F17C 2250/0421** (2013.01 - EP); **F17C 2250/0469** (2013.01 - EP); **F17C 2260/015** (2013.01 - EP); **F17C 2260/048** (2013.01 - EP); **F17C 2270/0105** (2013.01 - EP)

Citation (search report)

- [A] WO 2014070021 A1 20140508 - ENVIRONGAS AS [NO]
- [A] US 4079856 A 19780321 - DRAKE PAUL HAMMOND
- [A] WO 2006033577 A1 20060330 - RAVNDAL OLA [NO]
- [A] US 7021488 B2 20060404 - THOMPSON SCOTT R [US]
- [A] DE 102004043380 A1 20060309 - SCHAEFER FRIEDRICH [DE]
- See references of WO 2020153852A1

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

DOCDB simple family (publication)

WO 2020153852 A1 20200730; EP 3914850 A1 20211201; EP 3914850 A4 20221026; EP 3914850 B1 20230802; NO 20190096 A1 20200727; NO 345292 B1 20201130

DOCDB simple family (application)

NO 2020050011 W 20200123; EP 20744266 A 20200123; NO 20190096 A 20190125