

Title (en)

AIR FILLING DEVICE SUCH AS AN EXPANSION DEVICE PROVIDED WITH A QUICK CLOSURE MEANS

Title (de)

LUFTFÜLLVORRICHTUNG WIE ETWA EINE EXPANSIONSVORRICHTUNG MIT SCHNELLVERSCHLUSS

Title (fr)

DISPOSITIF À REMPLIR D'AIR TEL QU'UN DISPOSITIF DE DÉTENTE MUNI D'UN MOYEN DE FERMETURE RAPIDE

Publication

EP 3955777 C0 20230607 (FR)

Application

EP 20724423 A 20200417

Priority

- FR 1904174 A 20190418
- EP 2020060821 W 20200417

Abstract (en)

[origin: WO2020212555A2] Device (10, 110, 210) comprising at least one flexible pouch (12, 21, 22) delimiting an interior volume, one air inlet opening (13) per flexible pouch to allow air to pass into the interior volume of the pouch, a closure means for closing the air inlet in a sealed manner, the closure means comprising two flexible strips (14, 16) situated at the periphery of the air inlet opening, the strips being connected at their ends and intended to be pressed against one another. According to the main feature, the device comprises at least one rigid movable part (24, 25, 26) connected in a pivoting manner to one of the ends of the strips such that the movable part can be positioned around the strips in a closed position in which the two strips are kept clamped together so as to prevent air from escaping from the device when the latter is filled with air.

IPC 8 full level

A47C 27/08 (2006.01); **A47C 4/54** (2006.01)

CPC (source: EP US)

A47C 4/54 (2013.01 - EP); **A47C 27/081** (2013.01 - EP US); **A47C 27/088** (2013.01 - US); **A47C 27/08** (2013.01 - US)

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 validation state (EPC)

MA TN

Participating member state (EPC – UP)

AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)

WO 2020212555 A2 20201022; WO 2020212555 A3 20201210; EP 3955777 A2 20220223; EP 3955777 B1 20230607; EP 3955777 C0 20230607; ES 2951998 T3 20231026; FR 3095117 A1 20201023; FR 3095117 B1 20210514; MA 55722 A 20220223; US 11937702 B2 20240326; US 2022192390 A1 20220623

DOCDB simple family (application)

EP 2020060821 W 20200417; EP 20724423 A 20200417; ES 20724423 T 20200417; FR 1904174 A 20190418; MA 55722 A 20200417; US 202017603623 A 20200417