

Title (en)

Portable device for rapidly inflating a bag

Title (de)

Tragbare Vorrichtung zum schnellen Aufblasen einer Tasche

Title (fr)

Dispositif portable de gonflage rapide d'une poche

Publication

EP 2548619 A3 20150318 (FR)

Application

EP 12176665 A 20120717

Priority

CH 12122011 A 20110720

Abstract (en)

[origin: EP2548619A2] The device has an inlet to be connected to a cartridge (2) of compressed gas i.e. carbon dioxide at high pressure, for allowing the gas to expand into an air intake chamber (32). The intake chamber has an opening (6) allowing atmospheric air to be admitted and an outlet (28) to be connected to an inflatable bag. An intermediate distribution chamber is arranged between the inlet and the intake chamber for connecting the inlet to the intake chamber. Ejection holes are formed to open into a lateral wall of the intake chamber to connect the intake chamber to the intermediate distribution chamber.

IPC 8 full level

A62B 33/00 (2006.01); **A63B 29/02** (2006.01); **F17C 7/00** (2006.01)

CPC (source: EP US)

A62B 33/00 (2013.01 - EP US); **C06D 5/02** (2013.01 - US); **F17C 7/00** (2013.01 - US); **A63B 29/021** (2013.01 - EP US); **B63C 2009/007** (2013.01 - EP US)

Citation (search report)

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- [A] US 2010184343 A1 20100722 - PAYNTON DWAYNE RALPH [CA], et al
- [A] US 2010006176 A1 20100114 - PANSEGROUW BESTER JACOBUS [ZA]
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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 2548619 A2 20130123; EP 2548619 A3 20150318; EP 2548619 B1 20190515; CA 2783600 A1 20130120; CA 2783600 C 20190716; CH 705330 A2 20130131; US 2013019994 A1 20130124; US 9290420 B2 20160322

DOCDB simple family (application)

EP 12176665 A 20120717; CA 2783600 A 20120719; CH 12122011 A 20110720; US 201213553075 A 20120719