

Title (en)

SAFETY DEVICE AND INFLATING APPARATUS THEREFOR

Title (de)

SICHERHEITSVORRICHTUNG UND AUFBLASVORRICHTUNG DAFÜR

Title (fr)

DISPOSITIF DE SÉCURITÉ ET APPAREIL DE GONFLAGE POUR CELUI-CI

Publication

EP 2616320 A1 20130724 (EN)

Application

EP 11824364 A 20110916

Priority

- AU 2011902502 A 20110624
- AU 2010905429 A 20101209
- AU 2010904182 A 20100916
- AU 2011001195 W 20110916

Abstract (en)

[origin: WO2012034185A1] A safety device (10) including an article to be worn by a user (12) and an inflatable bladder (16) which is in use attached to the article. The safety device further includes an inflating apparatus (18) for in use inflating the inflatable bladder with an inflating product. The inflating apparatus comprises an inflating product compartment (20) for storing the inflating product and a frangible valve (24) for deterring flow of the inflating product from the inflating product compartment. An actuator (34) is provided for rupturing the frangible valve thereby allowing inflating product to flow from the inflating product compartment to the inflatable bladder.

IPC 8 full level

B63C 9/08 (2006.01); **B63C 9/105** (2006.01); **B63C 9/15** (2006.01)

CPC (source: EP US)

B63C 9/08 (2013.01 - EP US); **B63C 9/081** (2013.01 - US); **B63C 9/18** (2013.01 - EP US); **B63C 9/20** (2013.01 - US);
B63C 9/24 (2013.01 - EP US); **B63C 9/1055** (2013.01 - EP US); **B63C 9/1255** (2013.01 - EP US); **B63C 9/155** (2013.01 - EP US);
B63C 2009/0041 (2013.01 - EP US); **B63C 2009/007** (2013.01 - EP US); **B63C 2009/131** (2013.01 - EP US)

Citation (search report)

See references of WO 2012034185A1

Cited by

WO2022052591A1

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 2012034185 A1 20120322; AU 2011301785 A1 20130328; AU 2011301785 B2 20150723; BR 112013006877 A2 20190924;
CA 2811146 A1 20120322; CN 103201166 A 20130710; EP 2616320 A1 20130724; NZ 608015 A 20150731; US 2013171894 A1 20130704;
ZA 201302151 B 20140129

DOCDB simple family (application)

AU 2011001195 W 20110916; AU 2011301785 A 20110916; BR 112013006877 A 20110916; CA 2811146 A 20110916;
CN 201180044821 A 20110916; EP 11824364 A 20110916; NZ 60801511 A 20110916; US 201113823197 A 20110916;
ZA 201302151 A 20130322