

Title (en)

SAFETY DEVICE FOR AT LEAST ONE CONTAINER, IN PARTICULAR A BLOW-MOULDED PLASTIC CONTAINER

Title (de)

SICHERHEITSEINRICHTUNG FÜR MINDESTENS EINEN BEHÄLTER, INSBESONDERE BLASGEFORMTEN KUNSTSTOFFBEHÄLTER

Title (fr)

DISPOSITIF DE SECURITE POUR AU MOINS UN RECIPIENT ET EN PARTICULIER UN RECIPIENT EN MATIERE SYNTHETIQUE MOULE-SOUFFLE

Publication

**EP 2001750 B1 20171004 (DE)**

Application

**EP 07703222 A 20070202**

Priority

- EP 2007000893 W 20070202
- DE 102006015913 A 20060405

Abstract (en)

[origin: WO2007112802A1] A safety device for at least one container, in particular a blow-moulded plastic container, preferably in ampoule form, having a supply part (5) for accommodating a medium which can be dispensed via a container opening (9), is characterized in that the container opening (9) can be closed by means of a first safety part (11) which counteracts opening forces with a predefinable resistance, and in that the predefinable resistance can be overcome for the release of the container opening (9) with the aid of a second safety part (15) which interacts with the first safety part (11).

IPC 8 full level

**B65D 1/02** (2006.01); **B65D 1/09** (2006.01)

CPC (source: EP KR US)

**B65D 1/02** (2013.01 - KR); **B65D 1/0238** (2013.01 - EP US); **B65D 1/09** (2013.01 - KR); **B65D 1/095** (2013.01 - EP US); **B65D 75/28** (2013.01 - KR)

Citation (examination)

- US 5932235 A 19990803 - NINOMIYA HIROSHI [JP], et al
- US 5577636 A 19961126 - FUKUOKA HIROKI [JP], et al
- US 5944206 A 19990831 - CULTER JOHN D [US], et al
- US 2003146245 A1 20030807 - WEILER GERHARD H [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 102006015913 A1 20071011**; AU 2007234149 A1 20071011; AU 2007234149 B2 20120419; BR PI0710271 A2 20110809; BR PI0710271 B1 20180612; CA 2644191 A1 20071011; CA 2644191 C 20130910; CN 101432196 A 20090513; CN 101432196 B 20110608; EP 2001750 A1 20081217; EP 2001750 B1 20171004; ES 2654843 T3 20180215; HK 1128268 A1 20091023; JP 2009532287 A 20090910; JP 4991837 B2 20120801; KR 101313673 B1 20131002; KR 20090006075 A 20090114; MX 2008012779 A 20081014; PL 2001750 T3 20180228; PT 2001750 T 20171114; RU 2008139147 A 20100510; RU 2415057 C2 20110327; US 2009101650 A1 20090423; US 8047394 B2 20111101; WO 2007112802 A1 20071011

DOCDB simple family (application)

**DE 102006015913 A 20060405**; AU 2007234149 A 20070202; BR PI0710271 A 20070202; CA 2644191 A 20070202; CN 200780009654 A 20070202; EP 07703222 A 20070202; EP 2007000893 W 20070202; ES 07703222 T 20070202; HK 09105961 A 20090703; JP 2009503434 A 20070202; KR 20087023916 A 20070202; MX 2008012779 A 20070202; PL 07703222 T 20070202; PT 07703222 T 20070202; RU 2008139147 A 20070202; US 22477607 A 20070202