

Title (en)

SELF- PIERCING CLOSURE WITH A SELF-CLOSING VALVE

Title (de)

SELBSTDURCHSTECHENDER VERSCHLUSS MIT SELBSTSCHLIESSENDER Klappe

Title (fr)

FERMETURE AUTO-PERFORANTE MUNIE D'UN CLAPET À FERMETURE AUTOMATIQUE

Publication

EP 2576378 A1 20130410 (EN)

Application

EP 11722125 A 20110426

Priority

- GB 201009427 A 20100604
- GB 2011000648 W 20110426

Abstract (en)

[origin: WO2011151611A1] A self-piercing closure (10) for a container (50) of the type having a laminar closing member (60), the closure comprising a closure body (20,30) and having piercing means (80) for piercing a closing member in use, the closure further comprising a self- closing valve (70) for dispensing flowable media from a container following piercing of the closing member in use.

IPC 8 full level

B65D 47/20 (2006.01); **B65D 51/22** (2006.01)

CPC (source: EP US)

B65D 47/2031 (2013.01 - EP US); **B65D 51/224** (2013.01 - EP US); **B65D 2251/0025** (2013.01 - EP US); **B65D 2251/0056** (2013.01 - EP US); **B65D 2251/0093** (2013.01 - EP US)

Citation (search report)

See references of WO 2011151611A1

Cited by

US10676261B2; US11718457B2

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 2011151611 A1 20111208; BR 112012016091 A2 20160816; EP 2576378 A1 20130410; EP 2576378 B1 20151028; EP 2949594 A1 20151202; EP 2949594 B1 20170628; GB 201009427 D0 20100721; MX 2012009242 A 20120907; US 2013048638 A1 20130228

DOCDB simple family (application)

GB 2011000648 W 20110426; BR 112012016091 A 20110426; EP 11722125 A 20110426; EP 15169282 A 20110426; GB 201009427 A 20100604; MX 2012009242 A 20110426; US 201113643946 A 20110426