

Title (en)
SELF-PIERCING CLOSURE WITH A SELF-CLOSING VALVE

Title (de)
SELBSTDURCHSTECHENDER VERSCHLUSS MIT SELBSTSCHLIESSENDEM VENTIL

Title (fr)
FERMETURE AUTO-PERFORANTE À CLAPET AUTOMATIQUE

Publication
EP 2949594 A1 20151202 (EN)

Application
EP 15169282 A 20110426

Priority
• GB 201009427 A 20100604
• EP 11722125 A 20110426

Abstract (en)
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, in which the closure is movable from a first, unactivated position to a second, activated position to cause the piercing member to pierce the closing member, and in which the closure is formed in the second position and is moved to the first position prior to activation.

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)
• [XAI] EP 2181932 A1 20100505 - SEAQUIST CLOSURES LLC [US]
• [A] WO 9947450 A1 19990923 - APTARGROUP INC [US]

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)
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