

Title (en)

Spray through cap for a pressurised fluid container

Title (de)

Sprühkappe für einen unter Druck stehenden Fluidbehälter

Title (fr)

Bouchon de vaporisation pour récipient de fluides pressurisés

Publication

EP 2451724 B1 20191009 (EN)

Application

EP 10730411 A 20100625

Priority

- EP 2010059049 W 20100625
- EP 09165169 A 20090710
- EP 10730411 A 20100625

Abstract (en)

[origin: WO2011003752A1] A spray through cap (1) for a pressurised fluid container (2), said cap comprising an outer shell (6) defining a outlet aperture (3) and a sidewall gap (4), a chassis (8) over which the outer shell sits, the chassis comprising a plinth (11) that supports a spray channel (7) suitable for transferring a pressurised fluid from a pressurised fluid container to the outlet aperture and an activation paddle (9) hinged at its lower edge, said activation paddle comprising a member (12) adjacent to the sidewall gap in the outer shell and a strut (13) projecting inwards from said member, the strut pressing upon a projection from the plinth supporting the spray channel and thereby causing depression of the spray channel when lateral pressure is applied to the member adjacent to the sidewall.

IPC 8 full level

B65D 83/16 (2006.01)

CPC (source: EP US)

B65D 83/206 (2013.01 - EP US)

Citation (examination)

- US 4157774 A 19790612 - MICALLEF LEWIS A [US]
- US 4264038 A 19810428 - NOZAWA TAKAMITSU
- US 3189232 A 19650615 - JOFFE EDWARD J
- US 2558272 A 19510626 - RUBENSTEIN HERSCHEL B, et al

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2011003752 A1 20110113; BR PI1009747 A2 20160315; BR PI1009747 B1 20200121; EP 2451724 A1 20120516; EP 2451724 B1 20191009; US 2012097713 A1 20120426

DOCDB simple family (application)

EP 2010059049 W 20100625; BR PI1009747 A 20100625; EP 10730411 A 20100625; US 201013382218 A 20100625