

Title (en)

Self-opening and reclosable pouring element made of plastic for application on a package for liquids

Title (de)

Selbstöffnendes und wiederverschließbares Ausgießelement aus Kunststoff zur Applikation auf einer Packung für Flüssigkeiten

Title (fr)

Élément de versage à auto-ouverture et refermable, en matière synthétique, destiné à être appliqué sur un emballage de liquides

Publication

**EP 2368808 A3 20120118 (DE)**

Application

**EP 11168244 A 20081128**

Priority

- EP 08853687 A 20081128
- DE 102007057863 A 20071129

Abstract (en)

[origin: US2010320209A1] A self-opening and re-sealable pouring element of plastics material for application to a pack for liquids, and in particular a composite card/plastics material pack, has a base part which has an attaching flange, having a cutting element and a screw cap, the cutting element being rotatably arranged in the interior of the base part and operatively connected to the screw cap such that when the screw cap is unscrewed for the first time, an opening for pouring is produced by the cutting element in the material of the pack, wherein, when produced in an injection mould, the cutting element is already entirely arranged in the interior of the base part and is spaced away from the base part by a plurality of connecting bridges.

IPC 8 full level

**B65D 5/74** (2006.01)

CPC (source: EP US)

**B65D 5/748** (2013.01 - EP US); **B65D 2401/15** (2020.05 - EP US)

Citation (search report)

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- [Y] FR 2779418 A1 19991210 - CROWN CORK & SEAL TECH CORP [US]
- [A] DE 102006016113 B3 20070823 - SIG TECHNOLOGY AG [CH]

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US10676261B2; US11718457B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**US 2010320209 A1 20101223; US 8672167 B2 20140318**; AR 069448 A1 20100120; AT E515448 T1 20110715; BR PI0820376 A2 20150519; CN 101878159 A 20101103; CN 101878159 B 20160224; DE 102007057863 A1 20090604; DK 2214967 T3 20111017; EA 018342 B1 20130730; EA 201000692 A1 20101230; EP 2214967 A1 20100811; EP 2214967 B1 20110706; EP 2368808 A2 20110928; EP 2368808 A3 20120118; ES 2368880 T3 20111123; HR P20110710 T1 20111130; MX 2010005596 A 20100601; PL 2214967 T3 20111230; PT 2214967 E 20111004; SI 2214967 T1 20111130; TW 200930631 A 20090716; TW I543915 B 20160801; WO 2009068671 A1 20090604

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**US 74535308 A 20081128**; AR P080105176 A 20081127; AT 08853687 T 20081128; BR PI0820376 A 20081128; CN 200880118248 A 20081128; DE 102007057863 A 20071129; DK 08853687 T 20081128; EA 201000692 A 20081128; EP 08853687 A 20081128; EP 11168244 A 20081128; EP 2008066471 W 20081128; ES 08853687 T 20081128; HR P20110710 T 20111005; MX 2010005596 A 20081128; PL 08853687 T 20081128; PT 08853687 T 20081128; SI 200830396 T 20081128; TW 97146223 A 20081128