

Publication

EP 0778225 A3 19970709

Application

EP 96402219 A 19961016

Priority

- FR 9513412 A 19951113
- FR 9605918 A 19960513
- FR 9609651 A 19960731

Abstract (en)

[origin: EP0778225A2] The container consists of a dome (3.1), a valve with a housing (3.2) and a control rod (3.4) topped by a push button (2). It also comprises a seal (3.5) and a return spring (3.6). The dome and valve housing combine to form a reservoir (3.3) for the product (3.7) to be dispensed, and a propulsion element (3.8). The valve housing and dome are joined together by coupling elements (3.2.1,3.1.4.1), and at least one of them has a skirt (3.1.4) equipped with one set of coupling elements. The two components can be made from a thermoplastic material or from two different, chemically compatible materials which can be joined together by welding, gluing, screwing or clipping.

IPC 1-7

B65D 83/14; **B65D 21/02**

IPC 8 full level

B65D 83/44 (2006.01); **B65D 21/02** (2006.01); **B65D 83/14** (2006.01)

CPC (source: EP US)

B65D 21/0223 (2013.01 - EP US); **B65D 83/38** (2013.01 - EP US); **B65D 83/64** (2013.01 - EP US)

Citation (search report)

- [A] EP 0024263 A1 19810225 - WERDING WINFRIED J [CH], et al
- [A] DE 1186808 B 19650204 - HEINRICH BECHER
- [A] US 3327907 A 19670627 - CHARLES MEYERS FREDERICK
- [A] US 2765965 A 19561009 - RESWICK JAMES B
- [A] DE 2009922 A1 19701210
- [A] BE 641284 A 19640401
- [A] BE 333889 A

Cited by

EP3095731A1; CN110949878A; BE1025052B1; BE1020615A5; CN109242327A; US6168335B1; WO2013082680A3; DE102007014603A1; DE102007014606A1; AP3924A; EA030100B1; BE1025871B1; WO2013082680A2

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0778225 A2 19970611; **EP 0778225 A3 19970709**; **EP 0778225 B1 19980708**; AR 004561 A1 19981216; BR 9604520 A 19980623; CA 2190179 A1 19970514; CA 2190179 C 20010213; DE 69600409 D1 19980813; DE 69600409 T2 19981029; ES 2120276 T3 19981016; JP 2898253 B2 19990531; JP H09169372 A 19970630; MX 9605457 A 19970830; US 5988453 A 19991123; US 6227417 B1 20010508

DOCDB simple family (application)

EP 96402219 A 19961016; AR P960105137 A 19961112; BR 9604520 A 19961108; CA 2190179 A 19961112; DE 69600409 T 19961016; ES 96402219 T 19961016; JP 30073196 A 19961112; MX 9605457 A 19961108; US 36130799 A 19990727; US 74891896 A 19961113