

Title (en)

Actuating device for delivering valve.

Title (de)

Betätigungsvorrichtung für Ausgabeventil.

Title (fr)

Dispositif d'actionnement d'une valve de distribution.

Publication

**EP 045552 B1 19931103 (FR)**

Application

**EP 91401134 A 19910429**

Priority

FR 9005649 A 19900504

Abstract (en)

[origin: EP045552A1] This device comprises a push-button (10) forming a lever on the tubular rod (3) controlling a dispensing valve fitted to a container (1). This rod (3) defines a longitudinal axis (X-X). The push-button (10) has an external face (15) comprising a zone for the application of an operating force and comprises, on the one hand, a stud (20) butted against the end (24) of the rod (3) and, on the other hand, support means (32) capable of cooperating with complementary stop means (44) attached to the container. The said zone of application has an angular range of at least about 180 DEG and the support (32) and stop (44) means have an angular range corresponding to that of the said zone in order to together determine a support point of the said lever, located in the plane passing through the longitudinal axis (X-X) and the point of application of the operating force. This device is characterised in that the complementary stop (44) forms part of a ring (11, 111) fixed to the container. <IMAGE>

IPC 1-7

**B65D 83/14**

IPC 8 full level

**B65D 83/44** (2006.01); **B65D 83/16** (2006.01)

CPC (source: EP)

**B65D 83/205** (2013.01)

Cited by

US5899623A; US5692846A; FR2714032A1; US6056467A; EP0699596A1; FR2723926A1; EP0669268A1; FR2716445A1; GB2364660A; GB2364660B; EP0928750A1; EP0556128A1; FR2687382A1; US5335832A; EP0757007A1; FR2737471A1; US5772080A; US2022258953A1; US11999555B2; WO9603335A1

Designated contracting state (EPC)

BE CH DE ES GB IT LI NL

DOCDB simple family (publication)

**EP 045552 A1 19911106; EP 045552 B1 19931103**; CA 2041711 A1 19911105; CA 2041711 C 20020716; DE 69100582 D1 19931209; DE 69100582 T2 19940601; ES 2046869 T3 19940201; FR 2661661 A1 19911108; FR 2661661 B1 19921113; JP 3069924 B2 20000724; JP H072283 A 19950106

DOCDB simple family (application)

**EP 91401134 A 19910429**; CA 2041711 A 19910502; DE 69100582 T 19910429; ES 91401134 T 19910429; FR 9005649 A 19900504; JP 19619391 A 19910507