

Title (en)

Valve actuator element, valve comprising of such element and dispensing system comprising of such valve

Title (de)

Betätigungselement eines Ventils, mit diesem Element versehenes Ventil und mit einem solchen Ventil versehene Abgabevorrichtung

Title (fr)

Organe d'activation d'une valve, valve équipée de cet organe et ensemble de distribution muni de cette valve

Publication

EP 0960828 B1 20030129 (FR)

Application

EP 99400702 A 19990322

Priority

FR 9805319 A 19980428

Abstract (en)

[origin: FR2777967A1] The actuator incorporates a fixing element (60) causing the filling device (31) to be maintained in contact with the inside of the body of the valve (11). A cuttable section (70) is broken on application of the filling valve (31) to permit movement of fluid from storage reservoir (41) to fill the reservoir (60) of the dispenser (1). The fluid is dispensed through the depression of the dispensing valve (4).

IPC 1-7

B65D 83/14

IPC 8 full level

A45D 34/04 (2006.01); **B05B 11/00** (2006.01); **B65D 83/14** (2006.01); **B65D 83/40** (2006.01)

CPC (source: EP US)

B65D 83/425 (2013.01 - EP US); **B65D 83/48** (2013.01 - EP US)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

FR 2777967 A1 19991029; **FR 2777967 B1 20000616**; AR 018855 A1 20011212; CA 2269142 A1 19991028; CA 2269142 C 20031014; CN 1170740 C 20041013; CN 1238287 A 19991215; DE 69905092 D1 20030306; DE 69905092 T2 20030522; EP 0960828 A1 19991201; EP 0960828 B1 20030129; ES 2192023 T3 20030916; JP 3045501 B2 20000529; JP H11342985 A 19991214; US 6196276 B1 20010306

DOCDB simple family (application)

FR 9805319 A 19980428; AR P990101911 A 19990426; CA 2269142 A 19990427; CN 99105200 A 19990427; DE 69905092 T 19990322; EP 99400702 A 19990322; ES 99400702 T 19990322; JP 11878899 A 19990426; US 30085199 A 19990428