

Title (en)

FLEXIBLE PART FORMING AN OUTPUT VALVE AND A RETURN SPRING FOR A DISPENSING DEVICE

Title (de)

EIN AUSLASSVENTIL UND EINE RÜCKSTELLFEDER FÜR EINE ABGABEVORRICHTUNG BILDENDES FLEXIBLES TEIL

Title (fr)

PIECE SOUPLE FORMANT LE CLAPET DE SORTIE ET LE RESSORT DE RAPPEL D'UN ORGANE DE DISTRIBUTION

Publication

EP 1814672 B1 20080319 (FR)

Application

EP 05815619 A 20051028

Priority

- FR 2005050915 W 20051028
- FR 0452512 A 20041103

Abstract (en)

[origin: WO2006048578A1] The invention relates to a fluid product dispensing device comprising a body (1), an pusher (2) which is axially movable between rest and inserted positions and forms a fluid product dispensing orifice (24) and a flexible piece (3) connecting the body to the pusher. Said piece forms a return spring means (35) attracting the pusher to the rest position thereof and the movable member(38) of the output valve. The piece also comprises holding means (33) connected to the body and anchoring means (37) connected to the pusher, wherein said holding means is surrounded by the anchoring means. The piece comprises an elastically deformable part (34) extending between the holding and anchoring means.

IPC 8 full level

B05B 11/00 (2006.01)

CPC (source: EP US)

B05B 11/1028 (2023.01 - EP US); **B05B 11/1033** (2023.01 - EP US)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

FR 2877320 A1 20060505; FR 2877320 B1 20080829; BR PI0517994 A 20081021; CN 100518953 C 20090729; CN 101052472 A 20071010; DE 602005005514 D1 20080430; DE 602005005514 T2 20090423; EP 1814672 A1 20070808; EP 1814672 B1 20080319; ES 2303698 T3 20080816; US 2008110934 A1 20080515; US 7819290 B2 20101026; WO 2006048578 A1 20060511

DOCDB simple family (application)

FR 0452512 A 20041103; BR PI0517994 A 20051028; CN 200580037414 A 20051028; DE 602005005514 T 20051028; EP 05815619 A 20051028; ES 05815619 T 20051028; FR 2005050915 W 20051028; US 66692405 A 20051028