

Title (en)
FLUID-PRODUCT DISPENSING HEAD

Title (de)
SPENDERKOPF FÜR EIN FLÜSSIGPRODUKT

Title (fr)
TÊTE DE DISTRIBUTION DE PRODUIT FLUIDE

Publication
EP 2049415 A1 20090422 (FR)

Application
EP 07823584 A 20070716

Priority
• FR 2007051663 W 20070716
• FR 0653121 A 20060726

Abstract (en)
[origin: WO2008012455A1] Fluid-product dispensing head designed to be mounted on a tank of fluid product (1), the head comprising: a fluid-product dispensing member (2), such as a pump or valve, comprising a body (20) mounted in a fixed position relative to the tank (1) and a valve stem (21) that can be moved axially backwards and forwards; a pusher (5, 7) that can be moved axially backwards and forwards to drive the valve stem (21); a dispensing hole (60) connected to the valve stem; and actuating means (4) for moving the pusher axially relative to the valve stem (21); said head being characterized in that the actuating means (4) turn the pusher (5, 7), the pusher rotating on an angular path and moving axially between a low axial position and a high axial position.

IPC 8 full level
B65D 83/16 (2006.01)

CPC (source: EP US)
B05B 11/0032 (2013.01 - EP US); **B05B 11/1059** (2023.01 - EP US); **B65D 83/22** (2013.01 - EP US); **B65D 83/56** (2013.01 - EP US); **B05B 11/1047** (2023.01 - EP US); **B05B 11/1049** (2023.01 - EP US); **B05B 11/1052** (2023.01 - EP US); **B65D 83/206** (2013.01 - EP US)

Citation (search report)
See references of WO 2008012455A1

Cited by
EP2592019A1; WO2014121985A1; WO2013068190A1; US9321065B2; WO2013068191A1; US9181019B2; EP2591861A1; WO2013068188A1; WO2013068219A1; US9181018B2; EP2591860A1; WO2013068189A1; US9394096B2; EP2607266A1; EP2607267A1; EP2607268A1; WO2013092229A1; WO2013092230A1; WO2013092231A1; US9505546B2; US9511926B2; US9714131B2

Designated contracting state (EPC)
DE ES FR GB IT

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2008012455 A1 20080131; BR PI0715543 A2 20130424; BR PI0715543 B1 20180327; CN 101511706 A 20090819; CN 101511706 B 20110420; DE 602007010311 D1 20101216; EP 2049415 A1 20090422; EP 2049415 B1 20101103; ES 2353644 T3 20110303; FR 2904294 A1 20080201; FR 2904294 B1 20110121; JP 2009544541 A 20091217; JP 5236640 B2 20130717; US 2008023498 A1 20080131; US 7874465 B2 20110125

DOCDB simple family (application)
FR 2007051663 W 20070716; BR PI0715543 A 20070716; CN 200780032717 A 20070716; DE 602007010311 T 20070716; EP 07823584 A 20070716; ES 07823584 T 20070716; FR 0653121 A 20060726; JP 2009521304 A 20070716; US 87870207 A 20070726