

Title (en)  
FLUID PRODUCT DISPENSER

Title (de)  
FLUIDPRODUKTSPENDER

Title (fr)  
DISTRIBUTEUR DE PRODUIT FLUIDE

Publication  
**EP 1633647 B1 20061102 (FR)**

Application  
**EP 04742304 A 20040322**

Priority  
• FR 2004000692 W 20040322  
• FR 0303559 A 20030324

Abstract (en)  
[origin: WO2004085276A2] The invention relates to a fluid product dispenser. The inventive dispenser consists of: a fluid product container (10) which is designed to house the fluid product; and a dispensing head (2) which is mounted to the container (10) in order to extract the fluid product therefrom, said head (2) defining a dispensing chamber (26) which is connected to the container by means of an inlet valve (25, 215) and which is connected to a dispensing port by means of an outlet valve (237, 222). The invention is characterised in that the aforementioned chamber (26) comprises an elastically-deformable actuating wall (231) which is pressed so as to generate sufficient pressure inside the chamber in order to close the inlet valve and open the outlet valve.

IPC 8 full level  
**B65D 47/20** (2006.01); **A45D 40/20** (2006.01); **B65D 47/18** (2006.01)

CPC (source: EP US)  
**A45D 40/20** (2013.01 - EP US); **B05B 11/0027** (2013.01 - EP US); **B05B 11/0032** (2013.01 - EP US); **B05B 11/007** (2013.01 - EP US); **B05B 11/0072** (2013.01 - EP US); **B05B 11/1032** (2023.01 - EP US); **B05B 11/028** (2023.01 - EP US); **B05B 11/1047** (2023.01 - EP US); **B05B 11/1067** (2023.01 - EP US)

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**FR 2852933 A1 20041001**; **FR 2852933 B1 20050513**; BR PI0408611 A 20060307; CN 100467357 C 20090311; CN 1780760 A 20060531; DE 602004003057 D1 20061214; DE 602004003057 T2 20070628; EP 1633647 A2 20060315; EP 1633647 B1 20061102; ES 2274468 T3 20070516; US 2007102454 A1 20070510; US 7878374 B2 20110201; WO 2004085276 A2 20041007; WO 2004085276 A3 20050113

DOCDB simple family (application)  
**FR 0303559 A 20030324**; BR PI0408611 A 20040322; CN 200480011368 A 20040322; DE 602004003057 T 20040322; EP 04742304 A 20040322; ES 04742304 T 20040322; FR 2004000692 W 20040322; US 55008604 A 20040322