

Title (en)

Vapour recovery pump and fuel dispenser

Title (de)

Gasrückführungspumpe und Brennstoffabgabevorrichtung

Title (fr)

Pompe de récupération de vapeur et distributeur de carburant

Publication

EP 1936193 A1 20080625 (EN)

Application

EP 06026312 A 20061219

Priority

EP 06026312 A 20061219

Abstract (en)

A vapour recovery pump for a fuel dispensing unit comprises a pump housing (2) with a first chamber (3) and a second chamber (4), each chamber (3, 4) having a vapour inlet valve and a vapour outlet valve, respectively. The chambers (3, 4) are separated by a movable piston (9) arranged to repeatedly decrease and increase the volumes of the chambers (3, 4). The piston (9) comprises a magnetic device (11), and electromagnetic control means (14) are configured to move the piston (9) by altering a magnetic field, for repeatedly decreasing and increasing the volume of the chambers (3, 4).

IPC 8 full level

F04B 35/04 (2006.01); **B67D 7/04** (2010.01); **F04B 17/04** (2006.01)

CPC (source: EP)

B67D 7/048 (2013.01); **F04B 17/044** (2013.01); **F04B 35/045** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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