

Title (en)

Facilitated operation gaseous fuel dispenser pistol

Title (de)

Zapfpistole mit verbessertem Betrieb für gasförmigen Treibstoff

Title (fr)

Pistolet de distribution de carburant gazeux à fonctionnement amélioré

Publication

EP 1669663 A2 20060614 (EN)

Application

EP 05109668 A 20051018

Priority

IT BO20040660 A 20041022

Abstract (en)

A gaseous fuel dispenser pistol (10) comprises a grip (11), a body (14) connected to the grip (11), a fuel dispenser head (16) which can be coupled with a fuel infeed filler (17), coupling elements (19) for holding the head (16) in position on the filler (17) when fuel is dispensed, a shutter (19a) connected to the head (16) to allow or prevent fuel dispensing, a sleeve (13), mobile in a direction "D", relative to the body (14) for operating the coupling means (19), the sleeve (13) being mobile between a first, non-operating position in which fuel dispensing is inhibited and the head (16) is clear of the filler (17), and a second, operating position in which the head (16) is coupled with the filler (17) and fuel dispensing is enabled, there being a lever (18), which can be operated by an operator, cam means (20) located between the lever (18) and the sleeve (13) for increasing variable transmission between the lever (18) and the sleeve (13) in which a predetermined movement of the lever (18) causes a corresponding smaller movement of the sleeve (13), consequently, the resisting force on the lever (18) due to the sleeve (13) reduces in proportion.

IPC 8 full level

F17C 5/00 (2006.01)

CPC (source: EP)

F17C 5/007 (2013.01); **F17C 2205/037** (2013.01); **F17C 2205/0376** (2013.01); **F17C 2221/035** (2013.01); **F17C 2223/0153** (2013.01); **F17C 2223/033** (2013.01); **F17C 2265/065** (2013.01); **F17C 2270/0168** (2013.01)

Cited by

US2016178126A1; US10451220B2; EP2273523A1; EP2353915A1; US10023458B2

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

DOCDB simple family (publication)

EP 1669663 A2 20060614; **EP 1669663 A3 20080123**; **EP 1669663 B1 20090826**; **EP 1669663 B8 20091014**; AT E441061 T1 20090915; DE 602005016203 D1 20091008; ES 2331843 T3 20100118; IT BO20040660 A1 20050122; PL 1669663 T3 20100129; PT 1669663 E 20091120

DOCDB simple family (application)

EP 05109668 A 20051018; AT 05109668 T 20051018; DE 602005016203 T 20051018; ES 05109668 T 20051018; IT BO20040660 A 20041022; PL 05109668 T 20051018; PT 05109668 T 20051018