

Title (en)

Facilitated operation gaseous fuel dispenser pistol

Title (de)

Zapfpistole mit verbessertem Betrieb für gasförmigen Treibstoff

Title (fr)

Pistolet de pompe à carburant gazeux à fonctionnement amélioré

Publication

**EP 1669663 A3 20080123 (EN)**

Application

**EP 05109668 A 20051018**

Priority

IT BO20040660 A 20041022

Abstract (en)

[origin: EP1669663A2] 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)

Citation (search report)

- [X] FR 2686680 A1 19930730 - STAUBLI SA ETS [FR]
- [A] EP 1346946 A1 20030924 - STAEUBLI FAVERGES [FR]
- [A] EP 0122404 A2 19841024 - WALTHER CARL KURT GMBH [DE]
- [A] EP 1006310 A2 20000607 - FRASCAROLI FRANCO [IT], et al
- [A] EP 0039977 A1 19811118 - TNO [NL]

Cited by

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Designated extension state (EPC)

AL BA HR MK YU

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