

Title (en)

GUN FOR DISPENSING LPG, AND SIMILAR FUELS

Title (de)

PISTOLE FÜR LPG ABGABE UND ÄHNLICHE BRENNSTOFFE

Title (fr)

PISTOLET POUR LA DISTRIBUTION DE GPL ET DE CARBURANTS SIMILAIRES

Publication

EP 3575667 A1 20191204 (EN)

Application

EP 19173674 A 20190509

Priority

IT 201800005226 A 20180509

Abstract (en)

A gun (1) for dispensing LPG comprises a body (2), inside which a duct (4) is realised for supplying the LPG coming from a dispensing device, a head (7) connected to the body (2) and in communication with the duct (4), the head (7) is designed to be coupled with a filler (8) for LPG supply to a motor vehicle and comprises a fixed sleeve (10), a movable sleeve (11) sliding on the outer part of said fixed sleeve (10), coupling means (32) for the filler (8) inserted inside the movable sleeve (11), which comprise shaped levers (33) arranged inside the opening of the head (7); the shaped levers (33) move between two positions: a first position in which the shaped levers (33) allow insertion of the filler (8) inside the opening of the head (7) and a second position in which the levers (33), when the gun (1) is fitted on the filler (8), lock onto the filler (8) itself, causing the coupling between the gun (1) and filler (8).

IPC 8 full level

F17C 13/00 (2006.01)

CPC (source: EP)

F17C 13/00 (2013.01); **F17C 2205/0376** (2013.01); **F17C 2221/035** (2013.01); **F17C 2223/0153** (2013.01)

Citation (applicant)

- WO 2010103476 A1 20100916 - A T PETROLEUM S R L [IT], et al
- GB 802917 A 19581015 - BOTTO MECCANICA DI PREC E S R
- US 2013105037 A1 20130502 - FRENAL ANTOINE [FR], et al
- EP 1236678 A1 20020904 - FRASCAROLI FRANCO [IT], et al

Citation (search report)

- [IA] WO 2010103476 A1 20100916 - A T PETROLEUM S R L [IT], et al
- [A] GB 802917 A 19581015 - BOTTO MECCANICA DI PREC E S R
- [A] US 2013105037 A1 20130502 - FRENAL ANTOINE [FR], et al
- [A] EP 1236678 A1 20020904 - FRASCAROLI FRANCO [IT], et al

Cited by

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Designated contracting state (EPC)

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