

Title (en)

Pistol for dispensing gaseous fuel

Title (de)

Pistole zur Abgabe von gasförmigem Brennstoff

Title (fr)

Pistolet pour la distribution de carburant gazeux

Publication

EP 1006310 A2 20000607 (EN)

Application

EP 99830706 A 19991112

Priority

IT BO980668 A 19981130

Abstract (en)

Pistol (1; 100) for dispensing gaseous fuel comprising: a body (2); a grip (3) internally provided with a conduit (4) for the passage of gaseous fuel towards a respective tank; a chamber (5) positioned internally to the body (2) communicating with said conduit (4); a dispensing head (7; 70) associated to said body (2), interiorly provided with a cavity (12) communicating with said chamber (5), said head (7; 70) being able to couple with a corresponding filler pipe (8; 80) for the injection of the gaseous fuel; shutter means (13; 68, 69) movable following the insertion of the pistol (1;100) on the filler pipe (8; 80), between a first position and a second position; the first position corresponding to an operative condition wherein the fuel is dispensed, and the second position corresponding to an operative condition wherein the dispensing of fuel is impeded; a coupling device (29; 77) to maintain said dispensing head (7; 70) in position on said filler pipe (8; 80), the coupling device (29; 77) comprising a plurality of spheres (33; 72) positioned on a circumference and movable between two positions, so that in one position they allow the free insertion of the filler pipe (8; 80), and in the other position they do not allow the insertion and extraction of the filler pipe (8; 80). <IMAGE>

IPC 1-7

F17C 5/00; **F17C 13/00**

IPC 8 full level

F17C 5/00 (2006.01); **F17C 13/04** (2006.01)

CPC (source: EP)

F17C 5/00 (2013.01); **F17C 13/04** (2013.01); **F17C 2205/0376** (2013.01); **F17C 2265/065** (2013.01)

Cited by

WO2021009283A1; US2016178126A1; EP1669663A3; JP4818119B2; EP1437543A1; EP1236678A1; EP1847757A1; CN110848561A; US7270142B2; ITPR20090013A1; EP4023929A4; US10451220B2; US8033305B2; US9527720B2; WO2005050078A3; WO2010103476A1; WO2016168739A1; US10015898B2; US10237996B2; US9978265B2; US10127806B2; US10157538B2; EP2354626A1; AU2011200371B2; CN109931498A; EP3767153A1; JP2007512483A; KR101414406B1; US8863791B2; US11608262B2; US11926520B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1006310 A2 20000607; **EP 1006310 A3 20020327**; **EP 1006310 B1 20050302**; AT E290187 T1 20050315; DE 69923922 D1 20050407; DE 69923922 T2 20060406; IT 1304138 B1 20010307; IT BO980668 A0 19981130; IT BO980668 A1 20000530

DOCDB simple family (application)

EP 99830706 A 19991112; AT 99830706 T 19991112; DE 69923922 T 19991112; IT BO980668 A 19981130