

Title (en)

CARTRIDGE PISTOL WITH A CARTRIDGE HOLDER

Title (de)

KARTUSCHENPISTOLE MIT KARTUSCHENHALTERUNG

Title (fr)

PISTOLET A MASTIC POURVU D'UN ELEMENT DE RETENUE DE CARTOUCHE

Publication

EP 1735110 B1 20080319 (DE)

Application

EP 05718411 A 20050406

Priority

- IB 2005000947 W 20050406
- CH 6192004 A 20040408

Abstract (en)

[origin: WO2005097354A1] The invention relates to a cartridge pistol (1) comprising a cartridge holder (3) with springing gripper elements (17), a displaceable piston rod (4) for moving a piston in a cartridge (10) and an actuation device for displacing the piston rod (4). The cartridge holder (3) comprises a cylindrical base (12) for receiving the bottom area of a cartridge (10) wherein the gripper elements (17) protrude radially from the centre of the cartridge holder (3) outwards in the direction of the housing into an annular groove (14) of the base (12) as far as the outer wall of the annular groove (14) in the base (12) and are maintained in the centre of the base (12) by means of a hub (16). Means (5,25) are provided on the front end of the piston rod. Said means are used to press the ends of the springing gripper elements (17) in the direction of the housing (7) when the piston rod (4) is fully retracted in order to release the cartridge for withdrawal.

IPC 8 full level

B05C 17/01 (2006.01); **B05C 17/005** (2006.01); **B67D 7/60** (2010.01)

CPC (source: EP US)

B05C 17/00576 (2013.01 - EP US); **B05C 17/01** (2013.01 - EP US); **B05C 17/0123** (2013.01 - EP US); **B05C 17/014** (2013.01 - EP US)

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005097354 A1 20051020; AT E389464 T1 20080415; AU 2005230281 A1 20051020; AU 2005230281 B2 20070816; CA 2563163 A1 20051020; CA 2563163 C 20110118; CN 100490991 C 20090527; CN 1953820 A 20070425; DE 502005003328 D1 20080430; EP 1735110 A1 20061227; EP 1735110 B1 20080319; EP 1735110 B8 20080521; ES 2302189 T3 20080701; JP 2007532293 A 20071115; JP 4324630 B2 20090902; PT 1735110 E 20080529; RU 2328350 C1 20080710; US 2009218372 A1 20090903; US 8118196 B2 20120221

DOCDB simple family (application)

IB 2005000947 W 20050406; AT 05718411 T 20050406; AU 2005230281 A 20050406; CA 2563163 A 20050406; CN 200580015667 A 20050406; DE 502005003328 T 20050406; EP 05718411 A 20050406; ES 05718411 T 20050406; JP 2007506863 A 20050406; PT 05718411 T 20050406; RU 2006139132 A 20050406; US 59981405 A 20050406