

Title (en)
EXTERNALLY AND ALSO INDEPENDENTLY OPERATED WEAPON

Title (de)
FREMD ALS AUCH EIGEN ANTREIBBARE WAFFE

Title (fr)
ARME À ACTIONNEMENT PROPRE OU ÉTRANGER

Publication
EP 2406574 B1 20140723 (DE)

Application
EP 10706537 A 20100226

Priority
• EP 2010001185 W 20100226
• DE 102009011939 A 20090310

Abstract (en)
[origin: WO2010102727A1] The invention proposes to create a weapon (200, 300) which comprises a main body (100) or a main system which is provided with what is known as a hybrid drive, so that said weapon can be operated as a normal hand gun (200) having an independent drive and as an automatic weapon (300) by means of an external drive (301). The weapon (200 300) comprises a main body (100) which, in addition to the weapon barrel (3), carries all the subassemblies for shooting, including triggering, ammunition (21) or cartridges or the like. This includes the subassemblies for feeding ammunition (21) and also for locking a breech (4) in the system. Furthermore, the main body (100) comprises a gas duct (109) (gas duct bore) needed for the independence drive and having a gas piston (G), which can be constructed in the conventional way, as in an independently driven weapon (200). The breech (4) or breech support (5) is controlled and therefore locked by a wedge-like block (6) that can be displaced vertically in relation to the breech (4), so that a positively locking connection is produced between the weapon housing (10) and the breech (4) or breech support (5). The movement of the breech and also the movement of a locking slide (6) associated with the breech system is implemented and controlled by a slide (11) that can be moved (longitudinally) in relation to the weapon housing (10) for both types of drives. Incorporated in said slide, in the form of gates or cams (12), are the times needed for the pauses for closing the breech (4), for triggering the shot, for opening the breech (4) and the presentation of a cartridge (21) in front of the breech (4). The gates (12) responsible for the movement of the breech interact functionally with at least one fixed cam (14), for example integrated in the weapon housing (10). A further gate (13) interacting with the displacement gates is used for the horizontal adjustment of the locking slide (6).

IPC 8 full level
F41A 5/18 (2006.01); **F41A 7/08** (2006.01)

CPC (source: EP)
F41A 3/44 (2013.01); **F41A 7/08** (2013.01); **F41A 17/66** (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
DE 102009011939 A1 20100916; **DE 102009011939 B4 20151126**; EP 2406574 A1 20120118; EP 2406574 B1 20140723; EP 2759798 A2 20140730; EP 2759798 A3 20141008; EP 2759798 B1 20170329; WO 2010102727 A1 20100916

DOCDB simple family (application)
DE 102009011939 A 20090310; EP 10706537 A 20100226; EP 14166062 A 20100226; EP 2010001185 W 20100226