

Title (en)
GAS-OPERATED AUTOMATIC GUN

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Application
EP 83401721 A 19830830

Priority
FR 8217820 A 19821025

Abstract (en)
[origin: EP0107524A1] 1. Automatic gun with gas tapping, of the type in which the mechanism (15) for locking/unlocking the arm, and which provides also the discharge of the cartridge case, and which is housed within the breech box (2) is automatically actuated at the time of unlocking under the effect of a gas tapping in the barrel (1) and is returned automatically in the locking position by a recovery spring (18) which provides also the feeding of a fresh cartridge located within a tube-magazine (3), said gun being of the type having a piston (9) driven by the force of the gases tapped from the barrel sliding within the fastening piece (6) of the barrel and surrounding the tube-magazine, said piston consisting of a cylindrical block having a section fitting within a recess of the annular piece and delimitating an annular chamber (11) for the storage of the gases, said piston (9) co-operating during the movement thereof with means (13) for transmitting the motion of the piston comprising lateral arms and permitting the operation of the mechanism (15) for the locking/unlocking of the arm through the intermediary of control means (14), characterized in that the transmission means (13) comprise two endwise juxtaposed rings coaxial rings (16-17) mounted slidably on the tube-magazine, one of which (the ring 16) is provided with two lateral longitudinal U-shaped notches (23) opening horizontally outwardly, the other one (the ring 17) being provided with two lateral longitudinal U-shaped notches (25) opening vertically upwardly, and include two flat and elongated lateral arms (19, 20) each one of which is engaged within a horizontal notch (23) and a vertical notch (25) both located on the same side of the barrel (1), the ends of said arms directed towards the breech box (5) being arranged to be associated with the intermediate means (14) for the control of the locking/unlocking mechanism (15), said means being capable of driving freely said mechanism within the breech box (2) to cause this mechanism to be locked/unlocked relative to the barrel (1).

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