

Title (en)
FIREARM WITH A PRESSURE ACCUMULATOR

Title (de)
SCHUSSWAFFE MIT EINEM DRUCKSPEICHER

Title (fr)
ARME A FEU DOTEE D'UN ACCUMULATEUR DE PRESSION

Publication
EP 1864072 A1 20071212 (EN)

Application
EP 06710215 A 20060316

Priority
• HU 2006000022 W 20060316
• HU P0500300 A 20050316

Abstract (en)
[origin: WO2006097777A1] The firearm with pressure accumulator (5) having increased battering charge (3) and barrel (1) length has a piston (43) sliding in the accumulator housing (41) fixed to the breech (6) and springs (38, 38, 40 supporting said piston. To create a pneumatic spring (17) an annular brake chamber (44) is provided. The battering-charge is arranged in the bolt body (31) located in the breech and has a neck (7) with an opening (9) facing towards the barrel to direct propellant gas to the barrel. This structure can be adapted to any size of the firearms, e.g. sharpshooter rifles with range of 4 to 6 kilometres, sky sweepers with an amplitude of 30 to 35 kilometres to combat targets by homing missiles as well as intercontinental missiles with a range of 500 to 1000 kilometres.

IPC 8 full level
F41A 3/62 (2006.01); **F41A 3/94** (2006.01)

CPC (source: EP US)
F41A 3/62 (2013.01 - EP US); **F41A 3/94** (2013.01 - EP US)

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