

Title (en)

AUTOMATIC SHOULDER ARM WITH RIGIDLY LOCKED BREECHBLOCK FOR AMMUNITION WITH EXTREMELY HIGH PROJECTILE MOMENTUM

Publication

EP 0114946 B1 19881012 (DE)

Application

EP 83110724 A 19831027

Priority

DE 3244315 A 19821130

Abstract (en)

[origin: US4635530A] An automatic hand firearm for ammunition with extremely high projectile momentum is designed as a recoil loader which has a mounted barrel, supported by a spring and brake system (6, 7) on the weapon housing, a breech block (9, 10), which can be rigidly locked with the barrel and which encompasses a breech block carrier (9), movably led in the weapon housing (2) and supported on a breech-closing spring, and also encompasses a plug (10) which is longitudinally adjustable in relation to the breech block carrier, which carries locking parts (14) which can be engaged or disengaged with locking parts (15) on the barrel (1), and having devices comprising cams (18) and follow-up parts (17) for engaging- and-disengaging locking parts (14, 15) with the counterrecoil and recoil motion of the breech and with which the device for disengaging the locking parts (14, 15), arranged on the barrel (1) and on the plug (10), with the recoil motion of the breech block, is arranged between breech block carrier (9) and plug (10). If weaker ammunition is also to be fired with the same weapon, the loading process can be supported by an additional gas-operated-loading-device.

IPC 1-7

F41D 5/02; F41D 5/12

IPC 8 full level

F41A 3/26 (2006.01); **F41A 5/18** (2006.01); **F41A 5/28** (2006.01); **F41A 15/14** (2006.01)

CPC (source: EP US)

F41A 3/26 (2013.01 - EP US); **F41A 5/18** (2013.01 - EP US); **F41A 5/28** (2013.01 - EP US); **F41A 15/14** (2013.01 - EP US)

Cited by

CN1073229C; US11815325B2; WO2021099132A1; WO9855818A1

Designated contracting state (EPC)

AT BE CH FR GB IT LI NL SE

DOCDB simple family (publication)

US 4635530 A 19870113; AT E37949 T1 19881015; CA 1226459 A 19870908; DE 3244315 A1 19840530; DE 3244315 C2 19841129; EP 0114946 A2 19840808; EP 0114946 A3 19860702; EP 0114946 B1 19881012

DOCDB simple family (application)

US 80540185 A 19851204; AT 83110724 T 19831027; CA 441996 A 19831125; DE 3244315 A 19821130; EP 83110724 A 19831027