

Title (en)
FIRE ARM

Publication
EP 0272247 B1 19920226 (DE)

Application
EP 87890289 A 19871215

Priority
AT 338886 A 19861219

Abstract (en)
[origin: US4760663A] A firearm comprises a housing, a barrel extending in a first direction, a chamber structure, a trigger and firing means, wherein the chamber structure is constituted by a chamber member, which is separated from the barrel and is movable in the housing in a second direction, which is transverse to the barrel axis, and an actuating mechanism is provided for reciprocating said chamber member in said second direction between a firing position and a loading position. The actuating mechanism comprises a slider, which is movable in said first direction from an initial position to a stand-by position, said slider is adapted to be releasably locked in either of its said positions and comprises a cam opening, which has a cam face that extends over the width that is traversed by the chamber member, and cooperates with an actuating pin, which is coupled to the chamber member for a movement in said second direction and extends in a third direction, which is transverse to said first and second directions. A spring drive is provided for moving the chamber member from its loading position to its firing position, the cam opening formed in the slider has substantially the configuration of a right-angled triangle in which the hypotenuse constitutes a cam face and in which the legs respectively extend in the direction of movement of the slider and in the direction of movement of the chamber member and define an apex which constitutes a coupling stop for engaging the actuating pin, the actuating pin is a sliding fit in a coupling slot that is formed in the chamber member and is parallel to the barrel, the actuating pin extends through the cam opening in the slider and at opposite ends extends into guide slots formed in the housing.

IPC 1-7
F41A 9/23; **F41A 19/13**

IPC 8 full level
F41A 9/45 (2006.01); **F41A 19/13** (2006.01)

CPC (source: EP US)
F41A 9/45 (2013.01 - EP US); **F41A 19/13** (2013.01 - EP US)

Cited by
EP0360787A3

Designated contracting state (EPC)
BE CH DE ES FR GB GR LI NL SE

DOCDB simple family (publication)
EP 0272247 A2 19880622; **EP 0272247 A3 19900214**; **EP 0272247 B1 19920226**; AT 388238 B 19890526; AT A338886 A 19881015; AU 592917 B2 19900125; AU 8285587 A 19880623; BR 8706924 A 19880726; DE 3776875 D1 19920402; ES 2029288 T3 19920801; GR 3004580 T3 19930428; US 4760663 A 19880802

DOCDB simple family (application)
EP 87890289 A 19871215; AT 338886 A 19861219; AU 8285587 A 19871221; BR 8706924 A 19871218; DE 3776875 T 19871215; ES 87890289 T 19871215; GR 910402109 T 19920513; US 13417487 A 19871217