

Title (en)
AUTOMATIC GAS-OPERATED HAND FIREARM

Publication
EP 0055691 B1 19850116 (DE)

Application
EP 81810426 A 19811027

Priority
CH 964780 A 19801230

Abstract (en)
[origin: US4433611A] An automatic hand weapon has barrel; a gas cylinder having a work chamber; an inlet channel for introducing propellant gas from the barrel to the work chamber; a gas piston slidably received in the cylinder, whereby the piston executes, from a position of rest, a work stroke for operating breechblock components of the weapon. The piston further has a lateral face which is in sliding engagement with a wall of the cylinder. A first bore is provided through the wall of the cylinder for forming part of the inlet channel. A second bore is provided through the piston. The second bore has a first opening in the lateral face of the piston and a second opening in the end face of the piston. In the position of rest of the piston the first opening of the second bore is in registry with the first bore, whereby the second bore maintains communication between the first bore and the work chamber of the cylinder. There is also provided an outlet channel which maintains communication between the work chamber and the ambient atmosphere during at least one part of the work stroke.

IPC 1-7
F41D 5/04

IPC 8 full level
F41A 5/26 (2006.01); **F41A 5/28** (2006.01)

CPC (source: EP US)
F41A 5/26 (2013.01 - EP US); **F41A 5/28** (2013.01 - EP US)

Cited by
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DOCDB simple family (publication)
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