Title (en)

Gun with gas operated recoil absorber

Title (de)

Schusswaffe mit einem Gasdruckabsorber

Title (fr)

Fusil comportant un amortisseur à recul du type à gaz

Publication

EP 0863377 A3 20000524 (DE)

Application

EP 98103636 A 19980302

Priority

DE 29703824 U 19970303

Abstract (en)

[origin: EP0863377A2] The spring accumulator during the backward movement of the piston under gas pressure effect of the firing is charged. The gas cylinder (14) can be aligned with the barrel axis, and is formed as a guide casing for an absorber bolt (16) serving as piston. The spring accumulator is a pressure spring (24) inserted between the rear cylinder base of the guide casing and the absorber bolt. At the rear end of the guide casing a venting aperture (26) of large cross-section and at the front end of the guide casing a venting aperture (28) of small cross-section are provided. For eradicating Vacuum at the front side of the absorber bolt liberating devices are provided in guide rings (18,22) at both ends.

IPC 1-7

F41B 11/00; F41A 3/90

IPC 8 full level

F41B 11/00 (2013.01); **F41C 23/06** (2006.01)

CPC (source: EP)

F41B 11/00 (2013.01); **F41C 23/06** (2013.01)

Citation (search report)

- [X] FR 1316053 A 19630125 - WESTINGER & ALTENBURGER
- [X] CH 93318 A 19220316 - LUDORF ERNST [CH]
- [A] US 4335644 A 19820622 - GOES MICHAEL J, et al

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 29703824 U1 19970522; EP 0863377 A2 19980909; EP 0863377 A3 20000524

DOCDB simple family (application)

DE 29703824 U 19970303; EP 98103636 A 19980302