

Title (en)
Gun

Title (de)
Waffe

Title (fr)
Canon

Publication
EP 1296110 A3 20040303 (DE)

Application
EP 02012952 A 20020612

Priority
DE 10146423 A 20010920

Abstract (en)
[origin: US2003051600A1] A weapon having a barrel (3) supported in a cradle (2) for axial recoil movement, and having a breech block wedge (7) displaceable, transversely to the barrel axis (6) by a control unit (11) connected to the cradle and acting on a piston rod (8). The control unit (11) includes a spring-loaded shift rod (13) aligned with the piston rod (8), a spring-loaded control rod (15) aligned with a control cam (10) secured to the breech ring (4), and a detent pawl (17) that can be pivoted by a cam (16) from a blocking to a release position. The piston and shift rods (8, 13) are disposed such that during forward motion of the barrel (3), the breech block wedge (7) is already opened by axial displacement of the rods (8, 13) before the control cam (10) displaces the control rod (15).

IPC 1-7
F41A 5/02; **F41A 3/10**

IPC 8 full level
F41A 3/12 (2006.01); **F41A 3/10** (2006.01); **F41A 5/02** (2006.01)

CPC (source: EP US)
F41A 3/10 (2013.01 - EP US); **F41A 5/02** (2013.01 - EP US)

Citation (search report)

- [A] DE 19729292 A1 19990114 - RHEINMETALL W & M GMBH [DE]
- [A] US 6006645 A 19991228 - BREUER HEINZ-GUENTER [DE], et al
- [A] US 2434972 A 19480127 - VICK FRED A
- [A] US 988791 A 19110404 - LEHMANN HERMANN [DE]
- [A] DE 3914538 A1 19901108 - RHEINMETALL GMBH [DE]

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

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