

Title (en)

RAMMING MECHANISM FOR AUTOMATIC GUNS HAVING A SLIDING WEDGE BREECH BLOCK

Publication

**EP 0064661 A3 19830615 (DE)**

Application

**EP 82103537 A 19820427**

Priority

DE 3118383 A 19810509

Abstract (en)

[origin: EP0064661A2] 1. Ramming mechanism for an automatic gun, particularly a shell gun for single-piece ammunition, having a sliding wedge breech block, the said mechanism being provided, for the rectilinear introduction of a unit of ammunition (85) coaxially with the axis (A1) of the barrel bore, with an entrainment means (10) which is constructed as a two-armed lever and which is mounted on a carrier (26) movable along a projectile guide track between two end positions (78, 80) each corresponding to a preselected functional step of a firing cycle, and which is pivotable about a shaft (14) transversally to the barrel bore axis (A1) characterised by the following features : a) the entrainment means (10) by a side constructed as a ball (18) engages a control groove (49, 50) of a control element (45, 46) movably mounted in the carrier (26) ; b) the control device (45, 46) by means of the drive (51, 62) for the reciprocal movement of the carrier (26) is in each case moved in such a way that the entrainment means (10) whenever the carrier reaches one of its end positions, is moved via the control groove (49, 50) from its initial position, in which the free end of the lever comes to rest by a front nose (12) against the base surface (89') of the unit of ammunition (85) into the other end position, in which the free end of the lever is pivoted out of the projectile guide track.

IPC 1-7

**F41F 17/16**

IPC 8 full level

**F41A 9/42** (2006.01)

CPC (source: EP)

**F41A 7/10** (2013.01); **F41A 9/42** (2013.01)

Citation (search report)

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- [Y] CH 431330 A 19670228 - BOFORS AB [SE]
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