

Title (en)
AUTOMATIC WEAPON

Publication
EP 0255732 A3 19880330 (DE)

Application
EP 87111416 A 19870806

Priority
EP 86110880 A 19860806

Abstract (en)
[origin: EP0255732A2] Machine gun comprising a barrel (6) firmly mounted in a housing (4) and a locking unit (50) guided so as to move in the housing, said unit being preloaded by a pressure spring (52) into its extreme forward position and movable into its extreme rear position by compressed gas. The locking unit (50) is designed with an L-shape having a locking arm (56) behind the barrel (6) and a compensation arm (54) located above the barrel. The force of the spring (52) in contact with the mass of the locking unit (50) is calculated so as to limit its return travel to a shorter distance and the free length of the compensation arm (54). The mass of the locking arm (56) and that of the compensation arm (54) are matched to one another so that the center of mass of the locking unit (50) is located in the region of the intersection line between the front face of the locking bar (56) and the lower face of the compensation arm (54).

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IPC 8 full level
F41A 3/54 (2006.01); **F41A 3/68** (2006.01); **F41A 3/82** (2006.01); **F41A 15/12** (2006.01)

CPC (source: EP)
F41A 3/54 (2013.01); **F41A 3/68** (2013.01); **F41A 3/82** (2013.01); **F41A 15/12** (2013.01)

Citation (search report)

- [X] DE 2029410 A1 19701217
- [Y] GB 191406955 A 19150218 - WHITING WILLIAM JOHN
- [X] WO 8103376 A1 19811126 - ACTION MFG CO [US]
- [A] US 3987571 A 19761026 - OROZCO HECTOR MENDOZA
- [A] FR 1090814 A 19550404

Designated contracting state (EPC)
ES GR

DOCDB simple family (publication)
EP 0255732 A2 19880210; **EP 0255732 A3 19880330**; AU 7852287 A 19880224; EP 0277990 A1 19880817; OA 08827 A 19890331; WO 8801040 A2 19880211; WO 8801040 A3 19880310

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EP 87111416 A 19870806; AU 7852287 A 19870806; EP 8700430 W 19870806; EP 87905439 A 19870806; OA 59318 A 19880405