

Title (en)
CARTRIDGE CASE EJECTOR

Publication
EP 0149014 B1 19881102 (DE)

Application
EP 84112144 A 19841010

Priority
DE 3343522 A 19831201

Abstract (en)
[origin: US4738182A] A casing ejector in an enclosed fighting compartment for ejecting stump casings of partially combusted cartridge casings. For purposes of not hindering the loading process of an automatic loading mechanism, the cartridge casing ejecting mechanism includes a linkage of a plurality of holding arms which pivotally support a loading tray which is movable between a receiving position and expelling position. In the receiving position the tray receives the stump casing of a fired cartridge casing. The linkage of holding arms has one end of a cylinder-piston pivotally connected thereto while the other end is pivotally connected to a wall of the fighting compartment. This piston cylinder is adapted to move the tray in the linkage from the receiving position to the expelling position and vice versa. An expelling opening is provided in the fighting compartment opposite the loading tray in its expelling position. An endless chain is operatively mounted in the fighting compartment and has an entrainer for expelling the stump casing from the loading tray through the opening. When the loading tray is in the expelling position it is sufficiently distanced from the rear end of the gun barrel so that an automatic loading mechanism which is operatively mounted in the fighting compartment can effect a loading in an unhindered fashion.

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IPC 8 full level
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