

Title (en)

Device for connecting a cartridge magazine to a magazine support in an automatic gun

Title (de)

Vorrichtung zum Ankuppeln von Munitionsbehältern an einen Behälterträger einer automatischen Waffe

Title (fr)

Dispositif pour connecter un magasin à cartouches à un support de magasin d'une arme automatique

Publication

EP 1098159 A3 20020626 (DE)

Application

EP 00118819 A 20000831

Priority

DE 19953293 A 19991105

Abstract (en)

[origin: US6393960B1] A box support (2) is provided on both sides with shackles (4) to make it easier to attach an ammunition box (1) to the gun mount (35) for an automatic weapon and to ensure better access to the cartridge feed belt for the loading and reloading operation, as well as to reduce the ergonomic stress when attaching the ammunition box to the gun mount. These shackles (4) have respectively one holder (5) at a distance downward that is used for suspending the ammunition box (1) such that it can pivot. The ammunition box (1) is provided with bearing bolts (13) for this purpose. Two fastening locations (7, 8) for the ammunition box (1) are provided in a longitudinal axial direction of the box support (2), at non-symmetrical distances to the holders (5). If the ammunition box (1) is suspended in the holders (5), the distance a between the first fastening location (7) and the holders (5) corresponds to the distance between the holders (5) and a first locking device (16). In contrast, the second fastening location (8) is arranged on the box support (2) at a distance to the first fastening location that corresponds to the length (L) of the ammunition box (1). Thus, following the suspension of the ammunition box in the holders (5) and a pivoting movement of the box around the holders (5), the ammunition box (1) can assume a slanted loading position (9). Following a second pivoting movement around the first fastening location (7), the box (1) can assume an ammunition unloading position (12).

IPC 1-7

F41A 9/79

IPC 8 full level

F41A 9/34 (2006.01); **F41A 9/79** (2006.01)

CPC (source: EP US)

F41A 9/34 (2013.01 - EP US)

Citation (search report)

- [DA] US 3246565 A 19660419 - ROBERT RAMSEYER
- [DA] EP 0343825 A2 19891129 - LUCAS IND PLC [GB]
- [A] DE 3342058 C1 19850321 - RIEGER BENEDIKT
- [A] US 4484404 A 19841127 - JOHNSON DAVID A [US]
- [A] US 4237638 A 19801209 - TREXLER GENE D [US]

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 6393960 B1 20020528; DE 19953293 C1 20001221; DE 50008214 D1 20041118; EP 1098159 A2 20010509; EP 1098159 A3 20020626; EP 1098159 B1 20041013; IL 139403 A0 20011125; NO 20004181 D0 20000822; NO 20004181 L 20010507; NO 318826 B1 20050509

DOCDB simple family (application)

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