[0021] A first aspect of the invention relates to a machine gun comprising a feed channel for an ammunition belt and a cover for the feed channel the closing movement of which induces an adjustment of the longitudinal position of the ammunition belt in the feed channel. In one embodiment, the invention can further relate to a machine gun comprising an ammunition belt feed mechanism comprising a mechanism for ejecting the last two links of said belt and further comprising a mobile ratchet pushing on the penultimate link and actuated by the mobile parts of the machine gun.

[0022] Advantageously, the adjustment of the longitudinal position of the belt in the channel is obtained via an element that makes it possible to push the belt in the feed channel during the closure movement of the cover, and that allows the passage of the belt during subsequent firing cycles (non-return ratchet).

[0023] Preferably, the non-return ratchet is incorporated in the cover, and the closure movement of said cover comprises a component parallel to said feed channel, so as to allow an accurate adjustment of the first ammunition item.

[0024] Advantageously, the parallel component of the closure movement of the cover is obtained by an axis of rotation of the cover that is secant relative to the plane of the feed channel.

[0025] Advantageously, the feed channel and its cover are disposed laterally, inclined relative to the vertical, the axis of opening of the cover being essentially vertical.

[0026] Preferably, the machine gun according to the invention comprises, on its top face, a fixed accessory assembly interface, this interface being able preferably to comprise a rail of Picatinny type.

[0027] Alternatively, a system of connecting rods actuating the non-return ratchet is incorporated in the frame or in the cover to push the belt to its loading position when the cover is closed. In this case, the connecting rod or rods actuating the ratchet can for example be moved by a button or a lever extending from the frame or from the cover that is actuated by the closure.

[0028] In another alternative, an inclined surface protruding on the inner face of the cover or of the frame actuates a mobile part on the complementary inner face, said mobile part having a movement parallel to the movement of the belt and making it possible to adjust the position thereof.

Claims

1. A machine gun (1) comprising an ammunition belt (5) feed mechanism comprising a mechanism for ejecting last two links of said belt (5) and further comprising a mobile ratchet (14) pushing on a penultimate link and actuated by mobile parts of the machine gun (1).

2. The machine gun (1) as claimed in claim 1 wherein the mobile ratchet (14) for ejecting the last two links is secured to a belt (5) traction mechanism.

3. The machine gun (1) as claimed in claim 2 wherein the belt (5) traction mechanism comprises a mobile ratchet (15,16) pushing, in use, against an ammunition item, said ratchet (15,16) pushing against the ammunition item and the ratchet (14) for ejecting the last two links being actuated by one and the same lever actuated by movement of the mobile parts of the machine gun (1).

4. The machine gun (1) as claimed in claim 3, wherein the ratchet (14) for ejecting the last two links and the mobile ratchet (15,16) which is advancing can be produced in a single part, the ejection ratchet (14) being set back from the advance ratchet (15,16).

5. The machine gun (1) as claimed in claim 4, wherein the ratchet (14) and the mobile ratchet (15,16) which is advancing are composed of two parts rotating about one and the same axis and secured via an elastic part such as a spring or a spring blade.

6. The machine gun (1) as claimed in one of claims 1 to 5, wherein the ratchet (14) for ejecting the last two links comprises a flexible claw (13) mounted on a spring and pushing on a last link or, preferably, on the penultimate link to eject it.

7. The machine gun (1) as claimed in claim 6, wherein the spring is associable with energy usable to eject the last two links.

8. The machine gun (1) as claimed in claim 7, wherein a portion of the flexible claw used to eject the link enters into contact with a link only when this link is not linked to an ammunition item.

9. The machine gun (1) as claimed in one of claims 6 to 8, wherein the flexible claw (13) is linked elastically to flaps (11) for holding the last two links and the ammunition item (18) in a feed channel.

10. The machine gun (1) as claimed in one of claims 6 to 9, wherein the flexible claw (13) is linked to an indicator (30) of presence of an ammunition item in position in the feed channel.

11. The machine gun (1) as claimed in claim 1, comprising a feed channel for a belt (5) of ammunition items (18) and a cover (2) for the feed channel, the closure movement of which induces an adjustment of alongitudinal position of the belt (5) of ammunition items (18) in the feed channel.

12. The machine gun (1) as claimed in one of the preceding claims, comprising a main slip surface (3) for the ammunition belt (5), lateral faces (8,23) guiding, in use, the ammunition (18) belt (5) and one or more holding surfaces (25,29) for the belt (5) positioned at a top edge of the lateral faces (8,23), said holding surfaces (25,29) facing the slip surface (3) and said holding surfaces (29,25) being open, so as to allow introduction of the ammunition (18) belt (5).

13. The machine gun (1) as claimed in one of the preceding claims, comprising a frame body (22) having an essentially tubular geometry.