Claims

1. An open-bolt firearm comprising moving parts which, in use, move from a rearward position to a forward position when a round is fired and from the forward position to the rearward position during reload, said firearm comprising a trigger device comprising a stop for halting the forward movement of moving parts, a release lever for allowing lifting of the stop during a recoil movement of the moving parts, a rocker for actuating the stop and the release lever at a start of firing and at an end of firing, and a trigger blade connected to the rocker by a disconnector able to pivot from a position of mechanical coupling between the trigger blade and the rocker to a position of mechanical uncoupling between the trigger blade and the rocker, the rocker pivoting from a firing position to a rest position when the disconnector pivots from its coupling position to its uncoupling position, so as to prevent a next round from being fired when the trigger blade is kept in the firing position.

2. The firearm as claimed in claim 1, wherein a disconnection between the trigger blade and the rocker is obtained by a buffer in the firearm, which buffer is positioned in the path of the disconnector.

3. The firearm as claimed in claim 1, wherein the disconnector is configured such that the movement of the moving parts disconnects the mechanical coupling between the rocker and the trigger blade.

4. The firearm as claimed in claim 3, wherein the moving parts comprise a cam on their lower surface, the cam being configured to disconnect the mechanical coupling between the rocker and the trigger blade during the forward movement of the moving parts.

5. The firearm as claimed in claim 3, comprising a disconnector sear able to occupy a rest position or a disconnection position, said disconnector sear comprising a disconnection lever arranged, when in the disconnection position, between the rocker and the disconnector and a disconnection cam controlled by the movement of the moving parts, the disconnector disconnecting the mechanical connection between the rocker and the trigger blade when a cam under the moving parts moves the disconnection cam.

6. The firearm as claimed in claim 1, comprising a fire selector enabling selection between a semiautomatic-fire function and an automatic-fire function.

7. The firearm as claimed in claim 6, wherein a selection of the semiautomatic-fire or automatic-fire mode is performed by altering a point at which the disconnector bears against the trigger blade or the rocker so that the disconnector cannot disconnect the trigger blade from the rocker when the automatic-fire mode is selected.

8. The firearm as claimed in claim 6, wherein a selection of the semiautomatic-fire or automatic-fire mode is performed by moving a disconnector sear out of the path of the moving parts and out of the path of the disconnector so that the disconnector cannot disconnect the trigger blade from the rocker when the automatic-fire mode is selected.

9. The firearm as claimed in claim 6, further including a safety function allowing a re-cocking function when a safety is engaged, said safety function being performed by a safety element comprising an immobilizing surface allowing the stop to be immobilized in the position in which it halts the moving parts, said safety element bearing against a fixed part of the firearm and being able to be moved aside by the moving parts when the moving parts pass from a forward position to a rearward position.

10. The firearm as claimed in claim 9, wherein the function of selecting the semiautomatic-fire function and the function of selecting the safety function are performed by a same control mechanism.

11. The firearm as claimed in claim 10, wherein the control mechanism includes a rotary lever actuating a slider operating in translation and allowing activation or deactivation of the functions associated with semiautomatic-fire, automatic-fire and safety, so that three positions of the lever correspond to a safety position, to a semiautomatic-fire position, and to an automatic-fire position.

12. The firearm as claimed in claim 11, wherein the slider comprises a safety control slot in which there moves a safety control lug arranged on the safety element, a shape of said safety control slot configured so that when the selector lever is in the safety position, the safety element is able to move between a position of immobilizing the stop and a position of not immobilizing the stop, and when the lever is in another position, the safety element is in the position of not immobilizing the stop.

13. The firearm as claimed in claim 11, wherein the slider comprises a disconnector-sear control slot in which there moves a disconnector sear control lug arranged on a disconnector sear, a shape of said disconnector-sear control slot configured so that when the selector lever is in the semiautomatic position, the disconnector sear is able to move between a disconnection position and a rest position, and when the lever is in an automatic position, the disconnector sear is immobilized in its rest position, out of a path of the moving parts.