

A Safety Mechanism for a Latch

Abstract

The present invention relates to a safety mechanism (20) for a latch (2) of a trigger of a weapon, particularly an automatic weapon, comprising a breech and a safety device (6, 8, 8a). The latch (2) can be moved between a locking position, locking the breech, and a non-locking position, not locking the breech. The safety mechanism (20) engages on the safety device (6, 8, 8a) when it is in the safety position, and thus secures the latch (2) in the locking position. The safety mechanism (20) comprises a spring element (23c) acting between the safety device (6, 8, 8a) and the latch (2), effecting a locking force that fixes the latch (2) in the locking position thereof, said force being adjusted in such a way that it is greater than a trigger force that moves the latch (2) out of a locking position, but allows for a deflection of the latch (2) under the action of the returning breech while deforming the spring element. The invention further relates to a trigger mechanism, a hand piece (1), and a weapon with such a safety mechanism (20).

Figure 1.