

Title (en)

A BOLT HEAD LOCKING ARRANGEMENT FOR FIREARM WEAPONS

Title (de)

VERSCHLUSSKOPFVERRIEGELUNGSANORDNUNG FÜR FEUERWAFFEN

Title (fr)

DISPOSITIF DE VERROUILLAGE DE TÊTE DE CULASSE POUR ARMES À FEU

Publication

**EP 2010854 A1 20090107 (EN)**

Application

**EP 07718740 A 20070417**

Priority

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Abstract (en)

[origin: WO2007118278A1] A bolt head locking arrangement for a recoil operated weapon where projectile is expelled by discharging a cartridge. The weapon comprising an action body, a barrel, and a bolt assembly, the bolt assembly being slidable within the action body. The bolt assembly comprising a bolt head, a locking slide and a firing pin, and a locking means arranged so that, upon loading a new cartridge for discharging, the locking means positively lock the bolt head such that, for a predetermined amount of time after the loaded cartridge is discharged, the locked bolt head stops the cartridge from retreating into the action body. The locking means is substantially in an in-line configuration with the bolt assembly. The locking means are arranged so that the recoil momentum of the weapon, caused by the discharge, is used for unlocking the bolt head, wherein the locking means are arranged so that, upon discharge of the cartridge, the locking slide recoils backwards and, once the bolt head is unlocked, the inertia of the locking slide facilitates the recoil of the bolt head.

IPC 8 full level

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