Title (en)

LOCKING ASSEMBLY FOR FIREARM RECOIL SIMULATOR

Title (de)

VERRIEGELUNGSANORDNUNG FÜR SCHUSSWAFFENRÜCKSTOSSSIMULATOR

Title (fr)

ENSEMBLE DE VERROUILLAGE DESTINE A UN SIMULATEUR DE RECUL D'UNE ARME A FEU

Publication

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Application

EP 03808396 A 20030811

Priority

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Abstract (en)

[origin: WO2005019760A1] A bolt locking assembly (12) for a weapon simulator (10), the weapon simulator (10) having a bolt (18) affixed to a firearm housing (11) providing recoil to the user. The bolt (18) is connected to a piston (16) housed in a piston chamber (20) inside the housing (11). A gas supply (2) provides a compressed gas or fluid into the piston chamber (20) to generate movement and recoil of the piston (16). After the weapon simulator (10) has been fired a predetermined number of times, the bolt locking assembly (12) will obstruct operation of the bolt (18) and piston (16). The bolt locking assembly (12) includes a lock actuator port (14) engaging the piston chamber (20), a locking apparatus positioned within the housing (11) proximate the bolt (18), and a lock actuator port (26) between said lock actuator port (14) and said locking arm (17), wherein the lock actuator port (26) directs gas to said locking apparatus to actuate said locking apparatus and fix the bolt (18) in place.

IPC 8 full level

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