

Title (en)

ELECTRONIC SECURITY DEVICE FOR A FIREARM AND ASSOCIATED ELECTRONICALLY CODED AMMUNITION

Title (de)

ELEKTRONISCHE SICHERUNGSVORRICHTUNG EINER SCHUSSWAFFE UND ZUGEHÖRENDE ELEKTRONISCH KODIERTE MUNITION

Title (fr)

DISPOSITIF DE SECURITE ELECTRONIQUE D'UNE ARME A FEU ET MUNITION ELECTRONIQUEMENT CODEE ASSOCIEE

Publication

EP 1274965 A1 20030115 (DE)

Application

EP 01938110 A 20010412

Priority

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- EP 0104216 W 20010412

Abstract (en)

[origin: US6760992B2] An apparatus for releasing a safety device of a firearm with a trigger for actuating the apparatus, wherein the safety device is capable of blocking the actuation of the apparatus. The safety device is provided at the firearm with a source of electric energy and an electronic circuit energized by the source of electric energy. The electronic circuit includes a transmitter for wirelessly transmitting an interrogation signal to a transponder provided separately from the firearm, a receiver for receiving a response signal wirelessly transmitted from the transponder in response to the interrogation signal, a device for examining information contained in the response signal, a releasing device driven by the examining device and deblocking the actuation of the apparatus depending on the examination result, and a non-volatile memory having an identification code for the firearm stored therein. The examination device includes a comparator device for comparing the code stored in the non-volatile memory with the information contained in the response signal transmitted from the transponder. The non-volatile memory is exchangeable and the remaining components of the electronic circuit are fixedly connected with the firearm.

IPC 1-7

F41A 17/06; **F42B 5/08**

IPC 8 full level

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CPC (source: EP US)

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