Title (en)

Device for detecting and counting shots from an automatic or semi-automatic firearm and firearm provided with such a device

Title (de)

Vorrichtung zur Detektion und zum Zählen von Schüssen einer automatischen oder semi-automatischen Feuerwaffe und Feuerwaffe ausgerüstet mit einer solchen Vorrichtung

Title (fr)

Dispositif pour la détection et le comptage des coups tirés par une arme automatique ou semi-automatique et arme équipée d'un tel dispositif

Publication

EP 1881292 B1 20101110 (FR)

Application

EP 06077147 A 20061201

Priority

BE 200600396 A 20060718

Abstract (en)

[origin: EP1881292A1] The device (1) has an accelerometer (2) sensible to impacts in an axial axis (Y-Y`) of a barrel of a weapon. A microprocessor (3) analyses a signal of the accelerometer during shooting of the weapon. The microprocessor is equipped with an algorithm for counting a number of shots based on a determination and storage of occurrence of shooting according to a detection of characteristic elements of a signature of the accelerometer, where the characteristic elements are previously stored in a memory (4).

IPC 8 full level

F41A 19/01 (2006.01)

CPC (source: EP NO US)

F41A 19/01 (2013.01 - EP NO US)

Cited by

BE1025010B1; CN102410781A; BE1022814B1; DE102014013051A1; US8720092B2; WO2018158321A1; WO2016016744A1; WO2009130732A1; WO2016142444A1; US10330414B2; US10866048B2; US9273918B2; EP2905570A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1881292 A1 20080123; **EP 1881292 B1 20101110**; AT E487915 T1 20101115; AU 2007203238 A1 20080207; AU 2007203238 B2 20120816; BE 1017549 A3 20081202; CA 2592225 A1 20080118; CA 2592225 C 20110809; DE 602006018128 D1 20101223; DK 1881292 T3 20110131; IL 183891 A0 20080120; IL 183891 A 20111229; JP 2008025987 A 20080207; NO 20073693 L 20080121; NO 338164 B1 20160801; SG 139629 A1 20080229; US 2008016744 A1 20080124; US 7669356 B2 20100302

DOCDB simple family (application)

EP 06077147 A 20061201; AT 06077147 T 20061201; AU 2007203238 A 20070711; BE 200600396 A 20060718; CA 2592225 A 20070615; DE 602006018128 T 20061201; DK 06077147 T 20061201; IL 18389107 A 20070613; JP 2007183063 A 20070712; NO 20073693 A 20070717; SG 2007042187 A 20070611; US 58907106 A 20061030