

Title (en)

FIREARM COMPRISING AN ELECTRONIC SYSTEM

Title (de)

FEUERWAFFE MIT EINEM ELEKTRONISCHEN SYSTEM

Title (fr)

ARME À FEU COMPORTANT UN SYSTÈME ÉLECTRONIQUE

Publication

EP 3494354 A1 20190612 (EN)

Application

EP 17764442 A 20170727

Priority

- IT 201600081312 A 20160802
- IB 2017054576 W 20170727

Abstract (en)

[origin: WO2018025132A1] A firearm (1) which comprises a fixed part (2) and at least one movable part (3) that performs a predefined guided movement during a firing cycle in a cycle time (T). The firing cycle (T) comprises a retraction time (T2) wherein the movable part (3) is induced by the firing action to be disposed in a return position starting from a firing position. The firearm (1) further an electronic system (4) comprising a management unit (41), a fixed sensor device (42) housed on the fixed part (2) of the firearm and a mobile sensor device (43) housed on board said movable part (3) that are mutually magnetically sensitive. The management unit (41) is operatively connected to the fixed sensor device (42) and is suitable to detect the movement time (Tm) of the position of the mobile sensor device (43) during the shot-fired event.

IPC 8 full level

F41A 19/01 (2006.01)

CPC (source: EP)

F41A 19/01 (2013.01)

Citation (search report)

See references of WO 2018025132A1

Designated contracting state (EPC)

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BA ME

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