

Title (en)  
FIREARM USAGE MONITORING SYSTEM

Title (de)  
SCHUSSWAFFENÜBERWACHUNGSSYSTEM

Title (fr)  
SYSTÈME DE SURVEILLANCE D'UTILISATION D'ARME À FEU

Publication  
**EP 3574278 A4 20210303 (EN)**

Application  
**EP 18744231 A 20180127**

Priority  
• US 201762451620 P 20170127  
• US 2018015614 W 20180127

Abstract (en)  
[origin: WO2018140835A1] A system for monitoring a user of a firearm generally includes an inertial measurement unit configured to be disposed inside a grip of the firearm for measuring motion of the firearm. The system also includes an event detection system for detecting a detected event that includes at least one of gripping of the firearm, raising of the firearm, aiming of the firearm, and discharging of the firearm based on the motion of the firearm measured by the inertial measurement unit. The system further includes a communication system for wirelessly communicating the detected event.

IPC 8 full level  
**F41A 17/00** (2006.01); **F41A 19/01** (2006.01); **F41A 33/00** (2006.01); **F41C 33/00** (2006.01); **F41C 33/02** (2006.01); **G08B 21/24** (2006.01); **G08B 25/01** (2006.01); **G08B 25/08** (2006.01)

CPC (source: EP)  
**F41A 17/063** (2013.01); **F41A 19/01** (2013.01); **F41A 33/00** (2013.01); **G08B 13/19613** (2013.01); **G08B 21/24** (2013.01); **G08B 25/08** (2013.01)

Citation (search report)  
• [XY] US 2016173832 A1 20160616 - STEWART ROBERT J [US], et al  
• [YA] US 2016033221 A1 20160204 - SCHMEHL STEWART JACOB [US], et al  
• See references of WO 2018140835A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2018140835 A1 20180802**; EP 3574278 A1 20191204; EP 3574278 A4 20210303

DOCDB simple family (application)  
**US 2018015614 W 20180127**; EP 18744231 A 20180127