

Title (en)

DEVICE FOR INHIBITING FIRING OF SHELLS IN AN ELECTRIC GUN

Title (de)

VORRICHTUNG ZUM VERHINDERN DES ABSCHUSSES VON PATRONENHÜLSEN BEI EINER ELEKTRISCHEN SCHUSSWAFFE

Title (fr)

DISPOSITIF POUR EMPÊCHER LA MISE À FEU D'UNE DOUILLE DANS UN PISTOLET ÉLECTRIQUE

Publication

EP 3686544 A4 20210623 (EN)

Application

EP 17925653 A 20170922

Priority

JP 2017034362 W 20170922

Abstract (en)

[origin: EP3686544A1] [Problem] To provide a device for inhibiting the firing of shells which is capable of stopping the rotation of a motor when a bullet becomes a shell, without changing a conventional mechanical box. [Solution] This device for inhibiting the firing of shells is provided with: a switch which is provided in series with a contact point with which contact is made in order to pass a current through a motor when a trigger is pulled; and a current passage stopping part which receives an operation of a bullet detection device for detecting that a bullet has become a shell, and disconnects the switch to inhibit the passage of current through the motor.

IPC 8 full level

F41B 11/71 (2013.01); **F41B 11/646** (2013.01); **F41A 17/36** (2006.01); **F41B 11/643** (2013.01)

CPC (source: EP)

F41B 11/646 (2013.01); **F41B 11/71** (2013.01); **F41A 17/36** (2013.01); **F41B 11/643** (2013.01)

Citation (search report)

- [XDI] JP 2010025501 A 20100204 - TOKYO MARUI KK
- [X] EP 2388548 A2 20111123 - YIH KAI ENTPR CO LTD [TW]
- [X] EP 2390614 A1 20111130 - YIH KAI ENTPR CO LTD [TW]
- See references of WO 2019058525A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 3686544 A1 20200729; **EP 3686544 A4 20210623**; JP 6934205 B2 20210915; JP WO2019058525 A1 20201022; TW 201915425 A 20190416; TW I801406 B 20230511; WO 2019058525 A1 20190328

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EP 17925653 A 20170922; JP 2017034362 W 20170922; JP 2019542926 A 20170922; TW 107127960 A 20180810