Title (en)

DEVICE FOR PROJECTING A PROJECTILE BY COMPRESSED AIR USING ELECTROMAGNETIC PISTON COMPRESSION, ASSOCIATED CONTROL METHOD

Title (de)

VORRICHTUNG ZUR PROJEKTION EINES PROJEKTILS DURCH DRUCKLUFT UNTER VERWENDUNG VON ELEKTROMAGNETISCHER KOLBENKOMPRESSION UND ZUGEHÖRIGES STEUERUNGSVERFAHREN

Title (fr)

DISPOSITIF DE PROJECTION D'UN PROJECTILE PAR AIR COMPRIME PAR COMPRESSION PAR PISTON ELECTROMAGNETIQUE, PROCEDE DE PILOTAGE ASSOCIE

Publication

EP 3377839 A1 20180926 (FR)

Application

EP 16808928 A 20161117

Priority

- FR 1561055 A 20151117
- EP 2016078034 W 20161117

Abstract (en)

[origin: WO2017085202A1] The subject matter of the invention is a device for projecting a projectile B using compressed air, in particular provided to be built into a weapon replica, associated with an electric power source, characterised in that it includes a sheath (10) which receives electromagnetic means (12) for moving a piston (34) which is movable in said sheath (10) between a thrust nose (14), sealing the front (10-1) of said sheath provided with a projection tube, and a breech (18) sealing the rear (10-2) of said sheath. The invention also relates to a method for controlling said device.

IPC 8 full level

F41B 11/64 (2013.01); **F41B 6/00** (2006.01)

CPC (source: EP US)

F41B 6/003 (2013.01 - EP US); **F41B 11/64** (2013.01 - EP US)

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See references of WO 2017085202A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

FR 1561055 A 20151117; DK 16808928 T 20161117; EP 16808928 A 20161117; EP 2016078034 W 20161117; HK 18113779 A 20181029; JP 2018525344 A 20161117; US 201615776781 A 20161117