

Title (en)
LIQUID EJECTING DEVICE

Title (de)
SPRÜHGERÄT

Title (fr)
APPAREIL D'EJECTION DE LIQUIDE

Publication
EP 3339795 A3 20180704 (DE)

Application
EP 17210302 A 20171222

Priority
CH 17092016 A 20161222

Abstract (en)
[origin: WO2018115481A1] The invention relates to an apparatus (100) for shooting a projectile at a target body, in particular a fluid projectile or solid projectile, which apparatus comprises a hand-held device (100) for shooting the projectile, wherein the hand-held device (100) comprises a drive (114) for accelerating the projectile and a distance-measuring device (112) for measuring a distance between the hand-held device (100) and the target body. The apparatus (100) also comprises a stored energy source (120) for operating the drive (114), wherein the drive (114) comprises a control unit (115), by means of which the drive (114) can be controlled in accordance with the measured distance.

IPC 8 full level
F41H 9/10 (2006.01); **F41B 6/00** (2006.01); **F41B 9/00** (2006.01)

CPC (source: CH CN EP US)
B05B 12/124 (2013.01 - EP); **F41B 6/00** (2013.01 - EP US); **F41B 9/0037** (2013.01 - CH EP US); **F41B 9/0062** (2013.01 - US); **F41B 9/0087** (2013.01 - US); **F41B 11/62** (2013.01 - CN); **F41B 11/64** (2013.01 - CN); **F41B 11/70** (2013.01 - CN); **F41B 11/73** (2013.01 - CN); **F41B 11/80** (2013.01 - CN); **F41C 27/00** (2013.01 - CH); **F41H 9/10** (2013.01 - CH EP US); **B05B 9/0861** (2013.01 - EP); **F41B 9/0059** (2013.01 - US)

Citation (search report)

- [YA] US 9022255 B1 20150505 - CALVERT S MILL [US]
- [XY] CA 2463340 A1 20051006 - PALMA FLORENCIO NETO [CA]
- [A] WO 0073726 A2 20001207 - NON LETHAL DEFENSE LLC [US]
- [A] KR 101157823 B1 20120622 - AGENCY DEFENSE DEV [KR]

Cited by
CN111114835A; DE102019105161A1; DE102019105160A1; CN114931828A

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3339795 A2 20180627; **EP 3339795 A3 20180704**; **EP 3339795 B1 20190731**; CH 713274 A2 20180629; CN 108225097 A 20180629; CN 108225097 B 20240213; CN 110325812 A 20191011; CN 110325812 B 20220408; EP 3559588 A1 20191030; EP 3559588 B1 20210616; US 10775128 B2 20200915; US 11009312 B2 20210518; US 2018216909 A1 20180802; US 2019316869 A1 20191017; WO 2018115481 A1 20180628

DOCDB simple family (application)
EP 17210302 A 20171222; CH 17092016 A 20161222; CN 201711415479 A 20171222; CN 201780087149 A 20171222; EP 17822321 A 20171222; EP 2017084467 W 20171222; US 201715852121 A 20171222; US 201716472555 A 20171222