

Title (en)

BARREL STABILIZING AND RECOIL REDUCING MUZZLE BRAKE

Title (de)

LAUFSTABILISIERENDE UND RÜCKSTOSSVERMINDERNDE MÜNDUNGSBREMSE

Title (fr)

FREIN DE BOUCHE DE CANON DE RÉDUCTION DE REcul ET DE STABILISATION DE TUBE D'ARME

Publication

**EP 3583374 A4 20210106 (EN)**

Application

**EP 18755078 A 20180215**

Priority

- US 201762459338 P 20170215
- US 2018018319 W 20180215

Abstract (en)

[origin: WO2018152299A1] A muzzle brake for high power rifles, hand guns, machine guns, and artillery, exhibiting barrel stabilization and recoil reduction, by capturing gasses against an orifice end plate and redirecting these gases both out of the muzzle brake, and into the muzzle brake to fill the partial vacuum left by the exiting high pressure gases, by way of Major truncated socket forms, and to a lesser extent, with the use of Minor truncated socket forms, and their associated vent ports in an asymmetrical pattern that balances barrel lift, and recoil against the expected and recovered gases.

IPC 8 full level

**F41A 21/36** (2006.01)

CPC (source: EP)

**F41A 21/36** (2013.01)

Citation (search report)

- [A] US 5476028 A 19951219 - SEBERGER OSWALD P [US]
- [A] FR 656608 A 19290510 - ANCIENS ETS SKODA
- [A] US 5844162 A 19981201 - RENNER ROGER J [US]
- [A] US 2015192379 A1 20150709 - LARSON JR LESTER C [US]
- See references of WO 2018152299A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 2018152299 A1 20180823**; EP 3583374 A1 20191225; EP 3583374 A4 20210106

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