

Title (en)
A MUZZLE BRAKE AND A MUZZLE BRAKE SYSTEM

Title (de)
MÜNDUNGSBREMSE UND MÜNDUNGSBREMSSYSTEM

Title (fr)
FREIN DE BOUCHE ET SYSTÈME DE FREIN DE BOUCHE

Publication
EP 3862716 A1 20210811 (EN)

Application
EP 21155281 A 20210204

Priority
DK PA202070077 A 20200206

Abstract (en)
A muzzle brake (100) for countering the recoil of a gun, the muzzle brake (100) comprising an elongated sheathing (101) extending in an axial direction (A); a cylindrical bore (105) in said sheathing (101) extending in the axial direction (A) between a proximate end opening (102) for entry of a projectile and a distal end opening (103) for exit of the projectile; at least two groups (110, 120, 130, 140, 150) of each at least one gas port, said groups (110, 120, 130, 140, 150) being distributed in said axial direction (A), each gas port extending radially through the sheathing (101); and a baffle (160) associated with each group (110, 120, 130, 140, 150) of gas ports, each baffle (160) projecting outwardly from and extending around an outer circumference of the sheathing (101).

IPC 8 full level
F41A 21/30 (2006.01); **F41A 21/32** (2006.01); **F41A 21/36** (2006.01)

CPC (source: EP US)
F41A 21/30 (2013.01 - EP); **F41A 21/325** (2013.01 - EP); **F41A 21/36** (2013.01 - EP US)

Citation (applicant)
• GB 125141 A
• CA 1235322 A 19880419 - DIEMASTER TOOL INC
• US 2017199002 A1 20170713 - HWANG PAUL SUKHO [US], et al

Citation (search report)
• [XYI] GB 146929 A 19201118 - SCHNEIDER & CIE
• [Y] US 2002117048 A1 20020829 - SEVASTIAN NICOLAE RADU [CA]
• [Y] US 2165457 A 19390711 - CUTTS JR RICHARD M
• [Y] US 2016202013 A1 20160714 - LESSARD ETHAN [US]
• [Y] US 9182187 B1 20151110 - GRIFFITH JAMES [US]

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 3862716 A1 20210811; DK 202070077 A1 20220128; US 2021310761 A1 20211007

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EP 21155281 A 20210204; DK PA202070077 A 20200206; US 202117166351 A 20210203