

Title (en)
SIGNATURE-REDUCED MUZZLE BRAKE

Title (de)
SIGNATURREDUZIERTE MÜNDUNGSBREMSE

Title (fr)
FREIN DE BOUCHE À SIGNATURE RÉDUITE

Publication
EP 2567175 A1 20130313 (DE)

Application
EP 11717490 A 20110419

Priority
• DE 102010019358 A 20100506
• EP 2011001996 W 20110419

Abstract (en)
[origin: WO2011137976A1] A muzzle brake (1) of a weapon or a weapons system, in particular for small- and medium-calibre weapons, that has a reduced outer signature with respect to heat and/or propellant gas emissions is proposed. For this purpose, the propellant gas emerging from the barrel (3) is diverted to the gas outlet openings (8, 10) of the muzzle brake (1) in order to impinge on them - to absorb the recoil - and is then made to pass further to the rear, and thereby cooled in a device (12).

IPC 8 full level
F41A 21/34 (2006.01); **F41A 13/12** (2006.01); **F41A 21/36** (2006.01)

CPC (source: EP US)
F41A 13/12 (2013.01 - EP US); **F41A 21/30** (2013.01 - EP US); **F41A 21/34** (2013.01 - EP US); **F41A 21/36** (2013.01 - EP US);
F41A 21/44 (2013.01 - EP US)

Citation (search report)
See references of WO 2011137976A1

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

DOCDB simple family (publication)
DE 102010019358 A1 20111110; EP 2567175 A1 20130313; EP 2567175 B1 20170607; US 2013233162 A1 20130912;
US 8695475 B2 20140415; WO 2011137976 A1 20111110

DOCDB simple family (application)
DE 102010019358 A 20100506; EP 11717490 A 20110419; EP 2011001996 W 20110419; US 201213669738 A 20121106