

Title (en)  
SIGNATURE-REDUCED MUZZLE BRAKE

Title (de)  
SIGNATURREDUZIERTE MÜNDUNGSBREMSE

Title (fr)  
FREIN DE BOUCHE À SIGNATURE RÉDUITE

Publication  
**EP 2567175 B1 20170607 (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)

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**DE 102010019358 A 20100506**; EP 11717490 A 20110419; EP 2011001996 W 20110419; US 201213669738 A 20121106