

Title (en)

Muzzle brake on a gun barrel, in particular a gun mounted on an aircraft

Title (de)

Mündungsbremse am Rohrlauf einer Rohrwaffe, insbesondere an einer Kanone von einem Luftfahrzeug

Title (fr)

Frein de bouche monté sur le tube de canon d'une arme à feu, notamment un canon monté sur un avion

Publication

EP 0961096 B1 20030924 (DE)

Application

EP 99110205 A 19990526

Priority

DE 19824010 A 19980529

Abstract (en)

[origin: EP0961096A2] The bottle formation has a rear aperture and in the direction of firing a front aperture through which a fired projectile leaves the weapon. The bottle formation (4) forms a space (H) in the firing direction behind the muzzle (2) and is in positive engagement in the area of the muzzle (2) on the barrel (1). In the front aperture (4.1) of the bottle formation a thrust part tube (5) runs in the firing direction, which with one end extends into the bottle formation space (H). Between the end (5.1) of the thrust part tube (5) extending into the bottle formation space and the barrel muzzle there is a space, so that the first thrust reflected on the wall of the expansion space (A), before the reflected wave reaches the firing axis, is reflected from the outer surface of the thrust part tube into the bag space (B).

IPC 1-7

F41A 21/32

IPC 8 full level

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CPC (source: EP)

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Cited by

US9261316B2; US9109851B2; US9157692B2

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EP 0961096 A2 19991201; **EP 0961096 A3 20010221**; **EP 0961096 B1 20030924**; DE 19824010 A1 19991202; DE 59907083 D1 20031030; ES 2202963 T3 20040401

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