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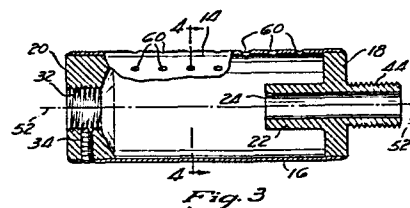
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54 **Method and means to reduce climb and swing of a weapon muzzle.**

57 A bored body 14 threadedly attached to the end of a weapon muzzle 12 to reduce climb and swing momental movements during firing. Ports 60 extending laterally of the bore expel propulsion gases during firing. The vector quantities of force of gases expelled through the ports 60 are clocked to oppose such momental movements by rotary adjustment of the body. The bored body optionally can include sound suppression and can have a threaded boss 44 on which can be installed a flash suppressor which was previously on the end of the weapon muzzle.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. ³)
Y	--- DE-A- 356 545 (PASAUREK RUDOLF) * pages 2,3; figure 1 *	1	F 41 C 21/18
Y	--- FR-A-2 274 886 (ETAT FRANCAIS) * claims 1-4; figures 1-3 *	1	
A	--- US-A-2 842 024 (MUTTER) -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
			F 41 C F 41 F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 08-01-1983	Examiner WETZEL H.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	