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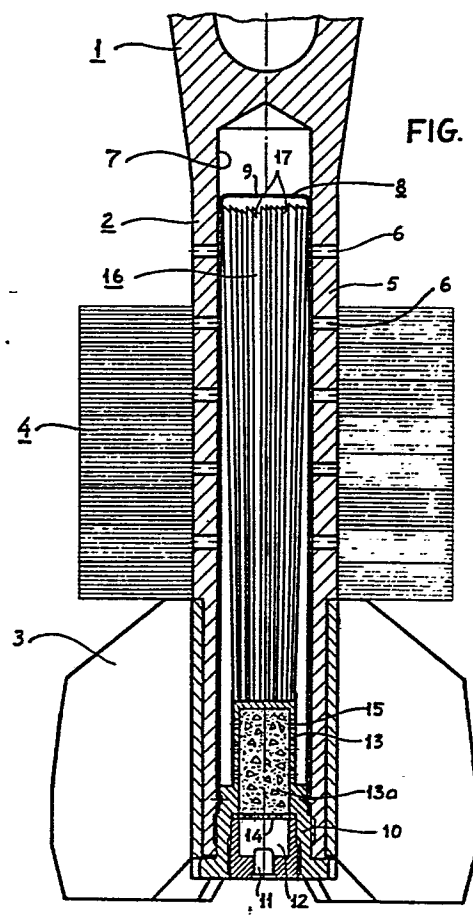
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(54) **Propellant cartridge for a mortar projectile.**

(57) Propellant and ignition cartridge (8) designed to be enclosed in a cartridge tube (2) of a finned projectile (1). The walls (5) of the cartridge tube are provided with a number of through holes (6) so as to permit the outflow of powder gases from powder which has been ignited in the cartridge. The cartridge (8) has a casing (9) which is dimensioned so as to burst in the centre of the said holes (6). The powder consists of a group (16) of strips (17) which are held together in brush form. The pressure of the gases from the powder during a period of 0.5-3 ms, preferably 1-2 ms, after the said rupture of the casing (9) has taken place is greater than the "opening pressure" at which rupture takes place.





European Patent
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EUROPEAN SEARCH REPORT

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EP 83 10 1273

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	FR-A-1 301 905 (HOTCHKISS-BRANDT) * Figure 1; page 2, left-hand column, paragraphs 1,5 *	1,3	F 42 B 13/26 F 42 B 9/14 F 42 C 19/08
Y	--- US-A-3 182 595 (HASSMANN) * Figure; column 1, lines 14-37, 47-48, 71; column 2, lines 1-10, 28-39 *	1,3	
Y	--- GB-A-1 327 896 (ARNELL et al.) * Figures 2,3; page 1, lines 9-50, 83-90; page 2, lines 15-28 *	1,3	
Y	--- CH-A- 438 093 (EK et al.) * Figure 7; column 8, lines 11-13 *	3	TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
A	--- DE-B-1 228 977 (A.B. BOFORS) * Figure 3; claims 1,2 *		F 42 B F 42 C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14-12-1983	Examiner FISCHER G.H.
CATEGORY OF CITED DOCUMENTS		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	
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			