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EUROPEAN PATENT APPLICATION

21 Application number: 84830328.5

51 Int. Cl.³: **F 42 B 13/02**
F 42 B 13/40, F 42 B 13/44
F 42 B 13/50

22 Date of filing: 04.12.84

30 Priority: 20.01.84 IT 1925084

43 Date of publication of application:
 28.08.85 Bulletin 85/35

88 Date of deferred publication of search report: 16.03.88

84 Designated Contracting States:
 AT BE CH DE FR GB LI LU NL SE

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54 **Anti-strain device for artillery projectiles.**

57 The present invention relates to a reinforcement device for the tubular shell of an artillery projectile of the type intended to carry a useful load. The portion of the tubular shell to be reinforced is that comprised between the driving band and the base plug of the projectile. The reinforcement device according to the invention consists of a metal structure (5) having a cylindrical side surface with an outer diameter substantially equal to the inner diameter of the portion of the tubular shell (4) to be reinforced. This metal structure (5) can have several embodiments depending on the useful load contained in the projectile.

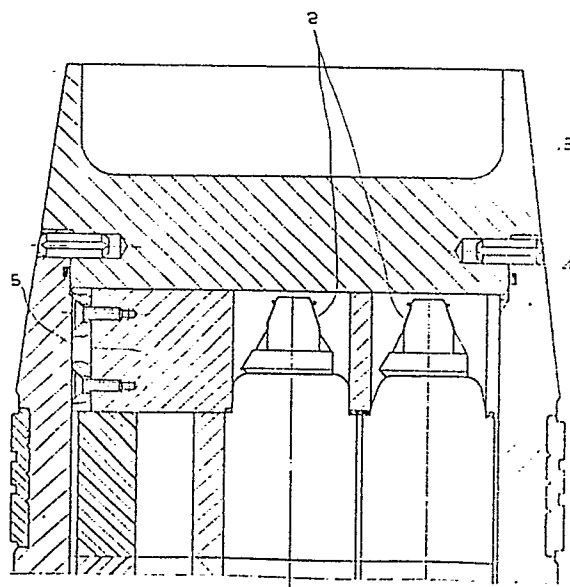


FIG. 1



DOCUMENTS CONSIDERED TO BE RELEVANT			EP 84830328.5
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	DE - A - 2 100 482 (BOFORS) * Fig. 3; page 4, lines 16-23 * --	1,4	F 42 B 13/02 F 42 B 13/40 F 42 B 13/44 F 42 B 13/50
X	DE - A - 2 100 276 (BOFORS) * Fig. 2,3; page 6, lines 18-24 * --	1,4	
A	GB - A - 149 114 (R.A. DARLING) * Page 2, lines 85-97 * --	1,5	
A	US - B - 412 068 (L.J. ADIMARI et al.) * Fig. 1,3; column 2, lines 49-57 * --	1,2	
A	US - A - 3 954 060 (CH.W. HAAG et al.) * Fig. 1,4; column 2, lines 32-56 * ----	1,2,3	F 42 B 13/00
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
Place of search VIENNA		Date of completion of the search 23-12-1987	Examiner ERNST
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			