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(54) **Base plug for artillery projectiles.**

(57) The base plug comprises a main element (1) and a smaller secondary element (3) constrained to one another so that the secondary element (3) can move within predetermined limits (6,7) with respect to the main element (1). When the projectile is at rest, or in flight prior to the splitting up, the two elements (1,3) form an assembly whose center of gravity is on the spin axis of the projectile. At the time of ejection of the base plug for releasing the useful load, the two elements (1,3) move away from one another because of the centrifugal force and make the center of gravity eccentric with respect to the trajectory of the useful load. In this manner the base plug is deviated laterally to said trajectory and, since it always remains a single assembly without parts separating from it, there is no danger that some of these parts (1,3) interfere with the trajectory of the useful load ejected from the projectile.

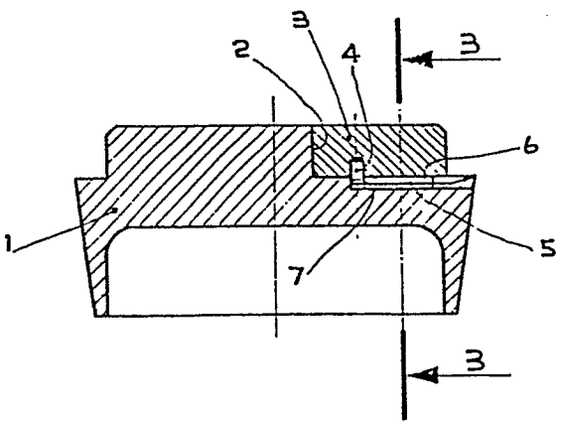


FIG. 1

EP 0 113 646 A3

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EUROPEAN SEARCH REPORT

0113646

Application number

EP 83 83 0262

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-2 316 575 (BOFORS) * Whole document *	1,2	F 42 B 13/02
Y	DE-A-2 104 914 (PROCHNOW et al.) * Figures 3,4; page 1, last paragraph; page 2, lines 1-10; page 3, paragraphs 2,4; page 4, paragraphs 1,2 *	1,2	

TECHNICAL FIELDS SEARCHED (Int. Cl. ³)

F 42 B

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	02-08-1985	FISCHER G.H.

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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