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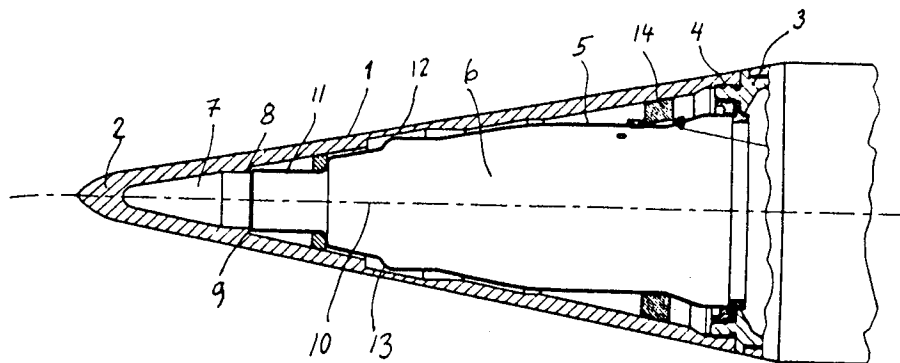
EUROPEAN PATENT APPLICATION(21) Application number: **90850130.7**(51) Int. Cl.⁵: **F42B 12/10**(22) Date of filing: **04.04.90**(30) Priority: **06.04.89 SE 8901204**(43) Date of publication of application:
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AT BE CH DE DK ES FR GB GR IT LI LU NL SE(88) Date of deferred publication of the search report:
26.02.92 Bulletin 92/09(71) Applicant: **AB BOFORS****S-691 80 Bofors(SE)**(72) Inventor: **Karsberg, Lars****Husarvägen 38****S-691 53 Karlskoga(SE)**Inventor: **Gustafsson, Hans****Rosendal 29D****S-691 53 Karlskoga(SE)**Inventor: **Kropp, Hans-Erik****deceased****/(SE)**

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(54) **Armour-piercing projectile.**

(57) The invention relates to an armour-piercing projectile of the type which comprises a nose cone (1) with a reinforced tip (2) for mechanical penetration of reactive armour and an impact contact member (5), placed in the nose cone, for triggering the actuation part of the projectile upon impact against a target. The casing of the nose cone has a weak point (12) where the casing is designed to be deformed and make electrical contact with the contact member (5) upon impact of the projectile against a target. In

order to prevent undesired particles in the form of metal shavings or the like from coming in between the casing and the inner shell of the contact member, a sealing ring (14) is inserted between the casing and the inner shell (5) at the rear part of the nose cone. This reduces the risk of unintentional contact function caused by such shavings or flakes situated between the shells in those parts where the contact distance is small.

**Fig.1****EP 0 391 876 A3**



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EUROPEAN SEARCH REPORT

Application Number

DOCUMENTS CONSIDERED TO BE RELEVANT			EP 90850130.7
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
D, A	<u>US - A - 4 913 057</u> (KROPP et al.) * Totality * --	1	F 42 B 12/10
D, A	<u>US - A - 4 831 936</u> (BRATTSTRÖMETAL) * Totality * --	1	
A	<u>FR - A - 2 157 152</u> (SOCIETE D'ETUDES, DE REALISATIONS ET D'APPLI- CATIONS TECHNIQUES) * Totality * --		
A	<u>US - A - 3 373 687</u> (BJÖRN HERMAN OLOF SIMMONS) * Totality * ----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			F 42 B 1/00 F 42 B 12/00 F 42 C 19/00
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
VIENNA		16-12-1991	KALANDRA
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			