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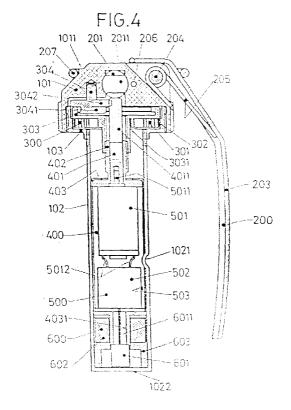
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(54) Mechano-electronic fuze for hand grenade

(57) It consists of conventional mechanical carriage and handling safety-devices and safety-devices functioning mechanically and electronically. An original autonomous electric supply system. An electronic rather than a pyrotechnic delay. An explosive chain that changes from being misaligned to being in line, and able to

trigger the detonation of the main charge in a hand-grenade. The energy required for it to function is stored in a spring (205) driving an electric generator (501), which improves storage, handling and use safeties, and the repeatability of the delay at any temperature, concurrently very substantially extending its useful life.



EP 0 781 975 A3



EUROPEAN SEARCH REPORT

Application Number EP 96 50 0067

	DOCUMENTS CONSIDER		1	
Category	Citation of document with indication of relevant passages		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Х	DE 21 47 172 A (INDUSTRIE-WERKE KARLSRUHE AUGSBURG AG) * page 11, line 1 - page 13, line 12; figures 1,1A,2 *		1-3,5,6, 13-15	F42C14/02 F42C11/04 F42C15/184 F42C11/00
Х	FR 2 483 068 A (ETABL	,	1-8,11, 14,15	
	figures 1-4 *			
Х	FR 2 559 895 A (SOCIETE D'ETUDES, DE REALISATIONS ET D'APPLICATIONS TECHNIQUES) * page 3, line 12 - page 8, line 10; figures 2-7 *		1-6,9, 10,14,15	
A	US 4 986 185 A (KUHNLE ET AL.) * column 2, line 41 - line 48; figure 1 *		2,3	
E	FR 2 745 080 A (RUGGIERI) * page 3, line 31 - page 12, line 33; figures 1-5 *		1-6,9,10	TECHNICAL FIELDS
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Α	EP 0 687 888 A (ETAT FRANCAIS)			F42C
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343		23 January 1998	Gie	sen, M
X : parl Y : parl doc A : tech	ATEGORY OF CITED DOCUMENTS ticularly relevant if taken alone icularly relevant if combined with another ument of the same category nological background		e underlying the in pument, but publis e n the application or other reasons	evention thed on, or
	n-written disclosure Armediate document	& : member of the sa document	ame patent family.	, corresponding