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### (54) Electronically controlled fire-arm using liquid propellant

(57) Firearm similar to a rifle, of innovative conception. It uses projectiles without casings, and explosive liquid. The sequence of all the operations is governed electronically by a microprocessor, an electric motor turns the cylinder, a pressurised tank feeds the firing chamber and a sparking plug ignites the explosive.

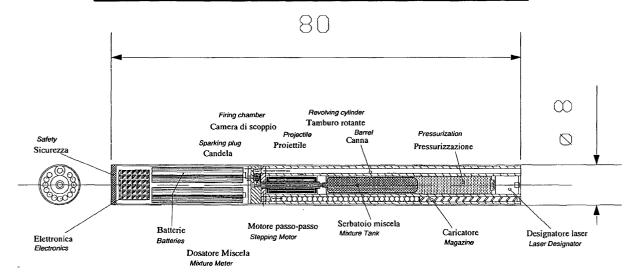
The firearm is very simple, it does not require com-

plex mechanical parts, it is completely sealed and after use it is not used again (disposable) in that the remaining parts are of very little value. It can be made very easily, but only by those who are knowledgeable in electronics.

It has sufficient firing autonomy and may be seen above all as a self-launching magazine.

# Lay-out electronically controlled firearm

## lay-out fucile a controllo elettronico





### **EUROPEAN SEARCH REPORT**

Application Number EP 01 20 4189

	DOCUMENTS CONSID	ERED TO BE RELE	VANT		
Category	Citation of document with in of relevant pass			elevant claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)
Х	DE 15 78 007 A (ETA 19 August 1971 (197 * the whole documen	1-08-19)	1,6		F41A1/04
Α	* the whore documen	ι *	3,4	,	
X	US 5 001 963 A (SAC 26 March 1991 (1991 * column 3, line 23	-03-26)			
Y	figures 1-5 *		2-6		
Y	US 3 608 424 A (WIE 28 September 1971 ( * column 2, line 56 * column 4, line 11 figures 1-11 *	1971-09-28) - column 3, lin			
X	US 5 140 892 A (KOI 25 August 1992 (199 * column 3, line 12 * column 8, line 20 figures 1-12 *	2-08-25) - column 4, lin	e 47 * ne 41;		TECHNICAL FIELDS SEARCHED (Int.Cl.7)
Α	US 5 202 530 A (STE 13 April 1993 (1993 * column 1, line 62 * column 6, line 60 figures 1-3 *	-04-13) - column 2, lin	3-6 e 8 * e 9;		F41A
A	DE 43 03 881 A (KIR SYSTEME) 11 August * column 3, line 36 figures 1,2 *	1994 (1994-08-11			
	The present search report has I	peen drawn up for all claims	s		
	Place of search THE HAGUE	Date of completion o		Van	der Plas, J
X : part Y : part doci A : tech O : non	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with anot iment of the same category inological background —written disclosure rmediate document	T : the E : ea afte her D : do L : dor & : me	eory or principle under riter patent documen er the filing date current cited in the a current cited for othe ember of the same pa	rlying the in t, but public pplication r reasons	nvention shed on, or

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### ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 01 20 4189

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

17-03-2003

	tent documen in search rep		Publication date		Patent family member(s)	Publication date
DE 157	'8007	Α	19-08-1971	DE	1578007 A1	19-08-1971
US 500	1963	Α	26-03-1991	DE FR GB	3337064 C1 2655412 A1 2234046 A ,B	29-11-1990 07-06-1991 23-01-1991
US 360	18424	Α	28-09-1971	CA	927162 A1	29-05-1973
US 514	0892	Α	25-08-1992	DE	3805621 A1	28-11-1991
US 520	2530	Α	13-04-1993	NONE		
DE 430	3881	A	11-08-1994	DE	4303881 A1	11-08-1994

 $\stackrel{\mathbb{C}}{\stackrel{\sqcup}{u}}$  For more details about this annex : see Official Journal of the European Patent Office, No. 12/82