(11) **EP 0 784 310 A3**

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: **14.07.1999 Bulletin 1999/28**

(51) Int Cl.6: **G10K 3/00**, G10K 1/07

(43) Date of publication A2: 16.07.1997 Bulletin 1997/29

(21) Application number: 97630004.6

(22) Date of filing: 10.01.1997

(84) Designated Contracting States: **DE ES FR GB IT NL**

(30) Priority: 11.01.1996 US 585231

(71) Applicants:

- Laufer, Guy
 69499 Tel Aviv (IL)
- Sharon, Guy
 46588 Herzlia (IL)

(72) Inventors:

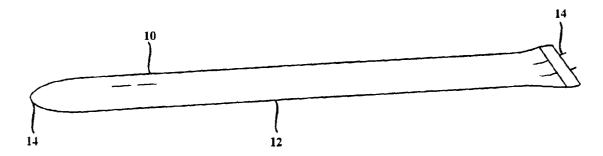
- Laufer, Guy 69499 Tel Aviv (IL)
- Sharon, Guy
 46588 Herzlia (IL)
- (74) Representative: Schmitz, Jean-Marie et al Dennemeyer & Associates S.A.,
 P.O. Box 1502
 1015 Luxembourg (LU)

(54) Amusement device

(57) An inflatable noise maker (10) has a substantially cylindrical hollow member (12), made of a flexible, substantially non-stretchable material. The member (12) is sealable at both ends (14) and houses a column of gas. The gas is at a pressure such that, when the

member (12) is transversely folded, the gas reaches a pressure above atmospheric pressure, thereby tensioning both distal ends (14) of the folded member (12) such that the distal ends (14) of the noise maker (19) vibrate at at least one audible frequency when struck.

FIG. 1



EP 0 784 310 A3



EUROPEAN SEARCH REPORT

Application Number EP 97 63 0004

Category	Citation of document with indica of relevant passage		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.6)
Υ	US 4 289 056 A (SHIER 15 September 1981		10,11, 15,16, 19-21	G10K3/00 G10K1/07
Α	* the whole document *	k 	1,6,7	
Υ	US 5 127 627 A (WISER	·	10,11, 15,16, 19-21	
	* the whole document *	k - - -		
Α	EP 0 081 899 A (GAZIT	DORON) 22 June 1983	1-6,9, 12-14,17	
	* page 1, line 24 - pa * page 4, line 28 - li * page 6, line 17 - pa * page 8, line 26 - pa * page 10, line 21 - l	ne 34 * age 7, line 1 * age 9, line 2 *		
		- 		
				TECHNICAL FIELDS SEARCHED (Int.Cl.6)
				G10K A63H G10D
	The present search report has been	·		
	THE HAGUE	Date of completion of the search 18 May 1999	Lorr	Examiner 1e, B
X : parti Y : parti docu	ATEGORY OF CITED DOCUMENTS cularly relevant if taken alone cularly relevant if combined with another ment of the same category nological background	T: theory or principle E: earlier patent doct after the filing date D: document cited in L: document cited fo	underlying the ir ument, but publis the application r other reasons	vention

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

EP 97 63 0004

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.

18-05-1999

US 4289056 A 15-09-1981 AT 1257 T 15-07-1 AU 528163 B 14-04-1 AU 5113579 A 03-04-1 CA 1124114 A 25-05-1 EP 0009925 A 16-04-1 JP 1405286 C 09-10-1 JP 55048788 A 08-04-1 JP 62012517 B 19-03-1 US 5127627 A 07-07-1992 NONE EP 0081899 A 22-06-1983 AT 25589 T 15-03-1 AU 557904 B 15-01-1 AU 8918682 A 21-04-1
EP 0081899 A 22-06-1983 AT 25589 T 15-03-1 AU 557904 B 15-01-1 AU 8918682 A 21-04-1
AU 557904 B 15-01-1 AU 8918682 A 21-04-1
CA 1192048 A 20-08-1 DK 452582 A 17-04-1 JP 58099979 A 14-06-1 ZA 8207475 A 28-09-1

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82