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(11) **EP 1 020 844 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
28.04.2004 Bulletin 2004/18

(51) Int Cl.7: **G10K 5/00**

(43) Date of publication A2:
19.07.2000 Bulletin 2000/29

(21) Application number: **00300273.0**

(22) Date of filing: **17.01.2000**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE**
Designated Extension States:
AL LT LV MK RO SI

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(30) Priority: **16.01.1999 GB 9900868**

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(54) **Whistle**

(57) A whistle (1), particularly a sports whistle, which is generally in the shape of a mandolin and has two whistle element sound chambers (2,3) arranged side-by-side and each having a cross section which is asymmetrical, preferably part-circular and part square. The sound chambers (2,3) are arranged so that the blowing pressure required to generate a sound pressure

level of 90dBa and a maximum frequency of about 3.9KHz is only 0.5 p.s.i. The sound chambers (2,3) are separated from one another at each air vent (4,5) by a fin (F) of generally narrow width, and the entrance to each sound chamber is defined in part by a respective inclined inner wall (10,11) near the central longitudinal axis of the whistle.

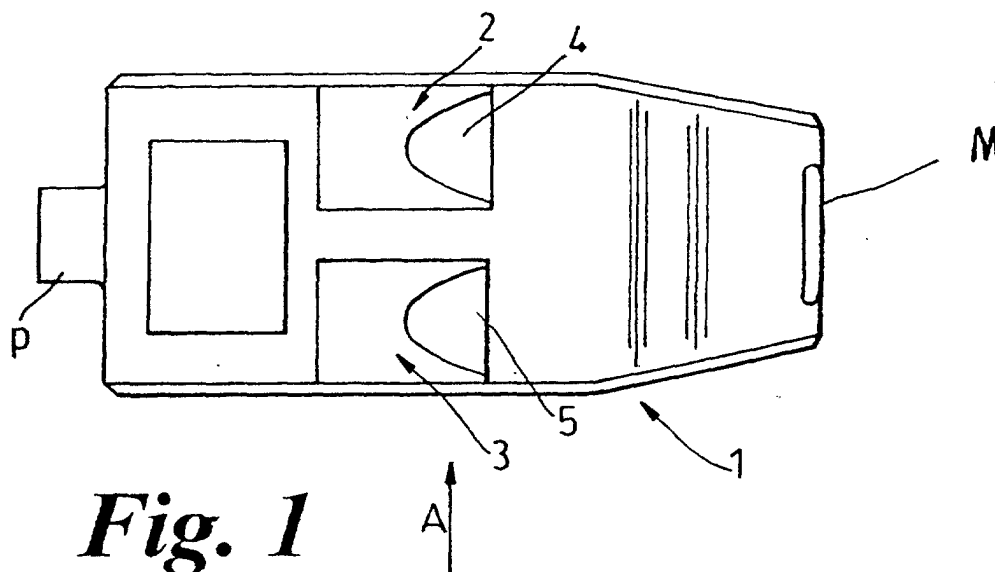


Fig. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 00 30 0273

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.7)
X	US 1 688 348 A (PETRIE EDWARD R) 23 October 1928 (1928-10-23)	1,8	G10K5/00
A	* page 2, column 1, line 33 - line 58; figures 6-8 *	2,5,6,9	
X	GB J00553A (J. HUDSON AND CO) 11 November 1909 (1909-11-11)	1,8	
A	* page 3, line 49 - page 4, line 13; figures 1,3-5 *	9	
A,D	US 5 086 726 A (SHARP MICHAEL C) 11 February 1992 (1992-02-11)		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7) G10K
Place of search		Date of completion of the search	Examiner
The Hague		19 December 2003	Anderson, A
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			

EPO FORM 1503 03/82 (P04C01)



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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☒ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

1, 2, 5, 6, 8, 9



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LACK OF UNITY OF INVENTION
SHEET B

Application Number
EP 00 30 0273

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1,2,5,6,8,9

Whistle having 2 sound chambers with asymmetrical
cross-section

2. claims: 3,7,11

Whistle having 2 sound chambers separated by a fin of narrow
width

3. claims: 4,7,10

Whistle having 2 sound chambers; the entrances of the sound
chambers have inclined inner walls

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

EP 00 30 0273

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
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19-12-2003

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 1688348	A	23-10-1928	NONE	
GB 190900553	A		NONE	
US 5086726	A	11-02-1992	NONE	

EPO FORM PC459

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