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(54) **TUNING DEVICE**

(57) Tuning device for pipe musical instruments, in particular for a pipe organ possibly provided with a resonator, comprising:

- at least one support collar (2), fixed during use, applicable to a pipe (C) at a preset distance from the free and/or terminal and/or upper end thereof, the pipe extended along a longitudinal symmetry axis (X) thereof;
- at least one tubular portion (7), movable during use,

slidably applicable on the pipe (C) at the free and/or terminal and/or upper end thereof;

- adjustment means (8) between the at least one tubular portion (7) and the at least one support collar (2), provided for adjusting the distance between the at least one tubular portion (7), movable during use, and the at least one support collar (2), fixed during use.

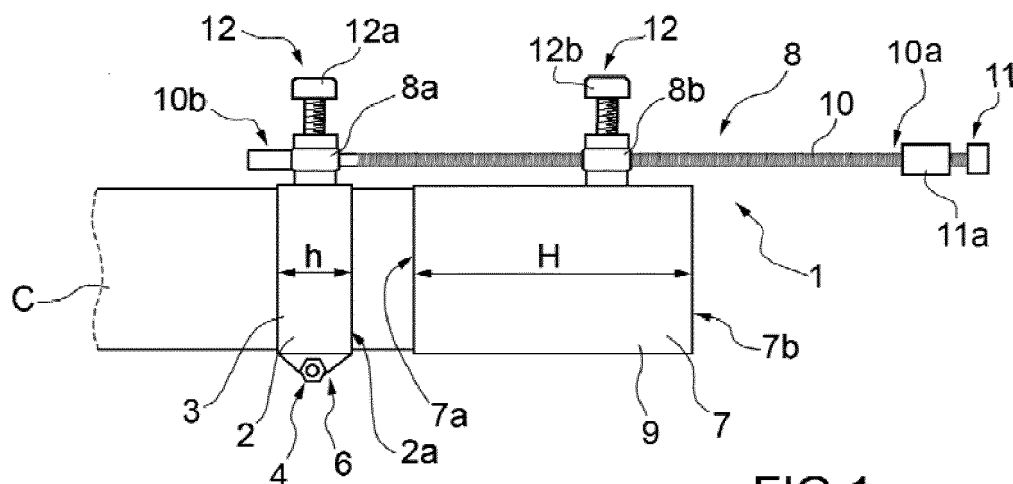


FIG.1



EUROPEAN SEARCH REPORT

Application Number
EP 15 16 3571

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 154 022 A (J. CORDLEY) 11 August 1874 (1874-08-11)	1,2,5,8,12	INV. G10B3/08
Y	* page 1, column 2; figure 5 *	3,4,9,11	G10D9/00
Y	FR 662 866 A (ROBERT SIOUR AT AL.) 13 August 1929 (1929-08-13) * page 1, column 1, line 21 - line 31; figure 1 *	3,9,11	
Y	US 3 319 506 A (BEISECKER GERHARD J) 16 May 1967 (1967-05-16) * column 2, line 8 - line 11; claim 1 *	4	
A	US 1 969 591 A (HENRY WILLIS) 7 August 1934 (1934-08-07) * claim 1; figure 1 *	1	
A	GB 16233 A A.D. 1898 (GRINDROD BENJAMIN ROBERT) 8 July 1899 (1899-07-08) * the whole document *	1	
			TECHNICAL FIELDS SEARCHED (IPC)
			G10B G10D
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		19 November 2015	Lorne, Benoît
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			

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due 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 those claims for which no payment was due.

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:

1-5, 8-12

☐ The present supplementary 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 (Rule 164 (1) EPC).



**LACK OF UNITY OF INVENTION
SHEET B**

Application Number

EP 15 16 3571

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: 1-5, 8-12

A tuning device for pipe musical instrument wherein the support collar has at the inner surface in contact with the pipe a felt or leather or suede layer.

2. claims: 6, 7

A tuning device comprising engagement means with an internally threaded sleeve.

3. claims: 13-18

A kit for mounting the tuning device comprising a device for aligning the pipe and an alignment bar.

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

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5 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.

19-11-2015

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 154022	A	11-08-1874	NONE
FR 662866	A	13-08-1929	NONE
US 3319506	A	16-05-1967	NONE
US 1969591	A	07-08-1934	NONE
GB 189816233	A	08-07-1899	NONE