

Title (en)

SOUND UNIT FOR VIBRATING BAR INSTRUMENTS

Publication

**EP 0029140 B1 19840201 (DE)**

Application

**EP 80106606 A 19801028**

Priority

DE 2943709 A 19791030

Abstract (en)

[origin: EP0029140A1] 1. A sound unit for tone-bar instruments, in particular for those which consist of sound units which can be combined at option, where each sound unit is formed from a tone bar supported at its nodal lines and from a resonator arranged underneath the tone bar and aligned in parallel with it as well as adapted in its length to the tone bar and provided with a sound hole directed towards the tone bar and the tonal tuning of which to the tone bar is effected by appropriate dimensioning of the sound hole and/or of openings lying at other points on the resonator, and where the sound hole exhibits and/or the openings in the resonator exhibit over-dimensioning and also there is associated with it and/or them as fine-tuning member a diaphragm which can be adjusted and fixed, characterized in that the diaphragm (6) consists of a slide which is guided (7', 7'') in parallel with the direction longitudinal to the sound hole (5) and above the sound hole (5) on the resonator (2), and which is provided with an indentation (14) which in its shape is matched to the shape of the sound hole (5) in such a way that the fundamental shape of the contour of the sound hole (5) is preserved at every possible setting of the slide (6).

IPC 1-7

**G10D 13/08**; **G10K 11/04**

IPC 8 full level

**G10D 13/08** (2006.01); **G10K 11/04** (2006.01)

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