

Title (en)

PRESSURIZED GAS DRIVEN SOUND EMITTER.

Title (de)

VON HOCHDRUCKGAS GETRIEBENER SCHALLSTRAHLER.

Title (fr)

EMETTEUR SONORE EXCITE PAR UN GAZ SOUS PRESSION.

Publication

EP 0070279 A1 19830126 (EN)

Application

EP 81902856 A 19811015

Priority

SE 8007294 A 19801017

Abstract (en)

[origin: WO8201329A1] A sound emitter driven by pressurized gas and having a resonator horn (15). According to the invention, the resonator horn is connected to one outlet branch (12) of a fluidistor (10) while the other outlet branch (13) is connected to a tuned member (16) having the same acoustic input impedance as the resonator horn. By the fluidistor being brought to oscillate, the emission of the pressurized gas from the resonator horn is controlled while generating sound oscillations substantially at a predetermined frequency.

Abstract (fr)

Emetteur sonore excite par un gaz sous pression et possedant une trompe (15). Selon l'invention, la trompe resonante est connectee a un branchement de sortie (12) d'un fluidistor (10) tandis que l'autre branchement de sortie (13) est connecte a un organe accorde (16) possedant la meme impédance acoustique d'entree que le cornet resonateur. En provoquant l'oscillation du fluidistor, l'emission du gaz sous pression par la trompe resonante est controlee tout en produisant des oscillations sonores a une frequence predeterminee.

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