

Title (en)

Tunable response transducer.

Title (de)

Wandler mit abstimmbarem Frequenzgang.

Title (fr)

Transducteur avec caractéristique de réponse accordable.

Publication

**EP 0127247 A2 19841205 (EN)**

Application

**EP 84300273 A 19840117**

Priority

US 49706283 A 19830523

Abstract (en)

A tunable response transducer (20) includes a frame (22) providing an opening (24) covered by a diaphragm and a motor (50, 52, 54) coupled to the diaphragm to cause motion of the diaphragm in response to motor action. A cavity (66) defined behind the diaphragm is vented through a second opening (26) provided in the frame. Venting through the second opening is controlled by a valve mechanism (40, 42, 44, 46) which is adjustable to vary selectively the damping of the frequency response characteristic of the transducer in the region of its principal resonant frequency.

IPC 1-7

**H04R 1/22**; **H04R 11/00**

IPC 8 full level

**G10K 9/13** (2006.01); **H04R 1/22** (2006.01); **H04R 9/06** (2006.01); **H04R 11/00** (2006.01)

CPC (source: EP)

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**EP 84300273 A 19840117**; JP 22669183 A 19831130