

Title (en)
Pressure chamber driver

Title (de)
Druckkammertreiber

Title (fr)
Actionneur pour chambre de compression

Publication
EP 0793216 B1 20031119 (DE)

Application
EP 97103076 A 19970226

Priority
• DE 19607610 A 19960229
• DE 19626236 A 19960629

Abstract (en)
[origin: EP0793216A2] The pressure chamber (2) over its periphery is connected with a central sound outlet channel (14). The membrane (5) is V-shaped in cross-section and the point (4) of the V is connected with the vibrating coil (3). The arms of the membrane are arched to the acute angle which they enclose. The edges (6,7) of the arms of the V-shaped cross-section membrane are directly tensioned and the membrane comprises a pliable material at least in the area of the tension. The wall (10) of the pressure chamber opposite to the membrane on the side turned away from the vibrating coil is formed in a complementary V formation to the membrane.

IPC 1-7
H04R 1/30; **H04R 7/14**

IPC 8 full level
G10K 9/13 (2006.01); **H04R 1/30** (2006.01); **H04R 7/14** (2006.01); **H04R 9/06** (2006.01)

CPC (source: EP US)
G10K 9/13 (2013.01 - EP US); **H04R 1/30** (2013.01 - EP US); **H04R 7/14** (2013.01 - EP US); **H04R 9/06** (2013.01 - EP US)

Cited by
DE102012102207B3; CN104811874A; EP2640089A3; DE102010015445A1; EP2640089A2; US9008343B2

Designated contracting state (EPC)
ES FR GB IT

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 97103076 A 19970226; ES 97103076 T 19970226; US 79783697 A 19970210