

Title (en)
Pressure chamber driver

Title (de)
Druckkammertreiber

Title (fr)
Actionneur pour chambre de compression

Publication
EP 0793216 A3 19991117 (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
G10K 9/13; **G10K 13/00**

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)

Citation (search report)
• [X] US 4325456 A 19820420 - UREDA MARK S
• [PX] EP 0749265 A1 19961218 - P H L AUDIO S A [FR]
• [X] GB 2070389 A 19810903 - RADIO CINE FURNITURE RCF SPA
• [A] EP 0390123 A2 19901003 - KENWOOD CORP [JP]
• [X] PATENT ABSTRACTS OF JAPAN vol. 002, no. 154 (E - 080) 25 December 1978 (1978-12-25)

Cited by
DE102012102207B3; CN104811874A; EP2640089A3; DE102010015445A1; WO2024153833A1; EP2640089A2; US9008343B2

Designated contracting state (EPC)
ES FR GB IT

DOCDB simple family (publication)
EP 0793216 A2 19970903; **EP 0793216 A3 19991117**; **EP 0793216 B1 20031119**; ES 2210407 T3 20040701; US 5878148 A 19990302

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