

Title (en)

FLAT ACOUSTIC PANEL with driver

Title (de)

FLACHES KLANGPANEEL mit Treiber

Title (fr)

PANNEAU ACOUSTIQUE PLAT avec son vibreur

Publication

EP 1077014 A1 20010221 (DE)

Application

EP 99923592 A 19990514

Priority

- DE 19821860 A 19980515
- EP 9903305 W 19990514

Abstract (en)

[origin: DE19821860A1] The driver includes a voice coil holder (17) on which a coil (16) is fixed. The coil holder is connected in an air gap (18) to a permanent magnet (15) and/or a closure arrangement (14) via an elastic diaphragm (23). The coil holder may be pot-shaped, with its base (17) connected to the flat panel (11). The base (17) itself or an intermediate plate (19) may be formed as a piezoelectric bending wave plate.

IPC 1-7

H04R 9/06; **H04R 7/10**; **H04R 17/00**

IPC 8 full level

H04R 7/04 (2006.01); **H04R 7/10** (2006.01); **H04R 9/04** (2006.01); **H04R 9/06** (2006.01); **H04R 17/00** (2006.01); **H04R 31/00** (2006.01)

CPC (source: EP US)

H04R 7/10 (2013.01 - EP US); **H04R 9/045** (2013.01 - EP US); **H04R 9/066** (2013.01 - EP US); **H04R 17/00** (2013.01 - EP US); **H04R 7/045** (2013.01 - EP US); **H04R 31/006** (2013.01 - EP US)

Citation (search report)

See references of WO 9960820A1

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DOCDB simple family (publication)

DE 19821860 A1 19991118; DE 59914445 D1 20070920; EP 1077014 A1 20010221; EP 1077014 B1 20070808; US 6347149 B1 20020212; WO 9960820 A1 19991125

DOCDB simple family (application)

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