

Title (en)

DEVICE FOR DYNAMIC EXCITATION OF PANEL LOUDSPEAKERS

Title (de)

VORRICHTUNG ZUR DYNAMISCHEN ANREGUNG VON PLATTENLAUTSPRECHERN

Title (fr)

DISPOSITIF POUR EXCITER DE MANIERE DYNAMIQUE DES HAUT-PARLEURS A PANNEAUX

Publication

EP 1078552 A1 20010228 (DE)

Application

EP 99926308 A 19990514

Priority

- DE 19821861 A 19980515
- EP 9903309 W 19990514

Abstract (en)

[origin: DE19821861A1] The device includes a sound panel (11) with a core layer and a cover layer. A holder (22) connects an electromagnetic driver (12) to the sound panel. The holder is connected to the sound panel in at least three places. The holder may comprise an elastic member (25).

IPC 1-7

H04R 7/06; H04R 9/06

IPC 8 full level

H04R 7/04 (2006.01); **H04R 7/06** (2006.01); **H04R 9/06** (2006.01)

CPC (source: EP US)

H04R 7/045 (2013.01 - EP US); **H04R 7/06** (2013.01 - EP US); **H04R 9/06** (2013.01 - EP US); **H04R 9/066** (2013.01 - EP US)

Citation (search report)

See references of WO 9960817A1

Designated contracting state (EPC)

DE FR GB IT NL SE

DOCDB simple family (publication)

DE 19821861 A1 19991118; DE 59904458 D1 20030410; EP 1078552 A1 20010228; EP 1078552 B1 20030305; US 6494289 B1 20021217; WO 9960817 A1 19991125

DOCDB simple family (application)

DE 19821861 A 19980515; DE 59904458 T 19990514; EP 9903309 W 19990514; EP 99926308 A 19990514; US 70035101 A 20010126