

Title (en)
Multi-resonant panel

Title (de)
Multiresonanzplatte

Title (fr)
Panneau multirésonnant

Publication
EP 0987922 A3 20061206 (DE)

Application
EP 99114408 A 19990722

Priority
DE 19843079 A 19980919

Abstract (en)
[origin: EP0987922A2] The multi-resonance plate has a unit containing a core layer (11) and two covering layers (12.1,12.2). The covering layers are connected to opposing surfaces of the core layer. A frame (15) encloses the unit so as to leave an air volume (16). A suspension (17) connects the unit to the frame, enclosing the air volume. At least one electromagnetic driver acts on the unit. The entire drive electronic arrangement, which contains an output amplifier optimized for the particular driver, is integrated into the enclosed air volume.

IPC 8 full level
H04R 7/04 (2006.01)

CPC (source: EP US)
H04R 7/045 (2013.01 - EP US); **H04R 2440/01** (2013.01 - EP US)

Citation (search report)

- [A] DE 2112516 B1 19721019 - KURTZE GUENTHER DIPL PHYS PROF
- [A] WO 9709861 A1 19970313 - VERITY GROUP PLC [GB], et al
- [A] WO 9822987 A2 19980528 - MCTAGGART STEPHEN I [US]
- [A] EP 0720415 A2 19960703 - KENWOOD CORP [JP]

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Designated extension state (EPC)
AL LT LV MK RO SI

DOCDB simple family (publication)
EP 0987922 A2 20000322; EP 0987922 A3 20061206; EP 0987922 B1 20070912; AT E373400 T1 20070915; DE 19843079 A1 20000323; DE 59914497 D1 20071025; US 6748090 B1 20040608

DOCDB simple family (application)
EP 99114408 A 19990722; AT 99114408 T 19990722; DE 19843079 A 19980919; DE 59914497 T 19990722; US 39557599 A 19990914