

Title (en)  
Public address systems with adjustable directivity

Title (de)  
Beschallungsanlage mit einstellbarer Richtwirkung

Title (fr)  
Système de sonorisation à directivité réglable

Publication  
**EP 1635606 B1 20100331 (FR)**

Application  
**EP 05291876 A 20050912**

Priority  
FR 0409688 A 20040913

Abstract (en)  
[origin: EP1635606A1] The system has a loudspeaker enclosure (E1) including an expansion guide (3) having a movable flap that is displaced by a predetermined movement parallel to a plane (P). Another loudspeaker enclosure forms a line source array with the enclosure (E1) and includes a movable flap displaced independent of the former flap, where the line source array extends along a direction transversal to the plane.

IPC 8 full level  
**H04R 1/32** (2006.01); **G10K 11/35** (2006.01); **H04R 1/34** (2006.01); **H04R 1/30** (2006.01)

CPC (source: EP US)  
**H04R 1/345** (2013.01 - EP US)

Citation (examination)  
• WO 2004006621 A1 20040115 - OUTLINE DI NOSELLI G & C S N C [IT], et al  
• US 2002071580 A1 20020613 - ENGEBRETSON MARK [US], et al  
• EP 1333698 A2 20030806 - MARTIN AUDIO LTD [GB]

Cited by  
CN103578461A; FR3062233A1; GB2457555A; GB2425436B; GB2457555B; US11006211B2; US11496850B2; DE202007015371U1; US9762996B2; WO2015063377A1; WO2018138425A1; US8842867B2; DE202016008150U1; DE102016014391A1; DE102021104822A1; WO2022184209A1; DE102021104822B4

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
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**EP 05291876 A 20050912**; AT 05291876 T 20050912; DE 602005020225 T 20050912; DK 05291876 T 20050912; ES 05291876 T 20050912; FR 0409688 A 20040913; PT 05291876 T 20050912; US 22538405 A 20050913