

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 A1 20060315 (FR)**

Application  
**EP 05291876 A 20050912**

Priority  
FR 0409688 A 20040913

Abstract (en)  
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 (applicant)

- EP 0331566 A1 19890906 - HEIL TEA S A R L C [FR]
- US 5163167 A 19921110 - HEIL CHRISTIAN [FR]

Citation (search report)

- [X] US 6394223 B1 20020528 - LEHMAN RICHARD W [US]
- [A] US 5163167 A 19921110 - HEIL CHRISTIAN [FR]
- [A] GB 404937 A 19340115 - WILLIAM ROBERTSON MILLAR
- [A] US 5020630 A 19910604 - GUNNESS DAVID W [US]
- [A] US 2004131217 A1 20040708 - OPIE SCOTT M [US], et al

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

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DOCDB simple family (publication)  
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