Title (en)
DEVICE AND METHOD FOR CONTROLLING A PUBLIC ADDRESS SYSTEM, AND A CORRESPONDING PUBLIC ADDRESS SYSTEM

Title (de)
VORRICHTUNG UND VERFAHREN ZUR ANSTEUERUNG EINER BESCHALLUNGSANLAGE UND BESCHALLUNGSANLAGE

Title (fr)
DISPOSITIF ET PROCEDE DE COMMANDE D'UNE INSTALLATION DE SONORISATION ET INSTALLATION DE SONORISATION CORRESPONDANTE

Publication
EP 1800517 B1 20080813 (DE)

Application
EP 05801889 A 20051110

Priority
• EP 2005012057 W 20051110
• DE 102004057500 A 20041129

Abstract (en)
[origin: US9955262B2] A driving device for a sound system by loudspeaker signals, wherein the sound system has a wave field synthesis loudspeaker array and one or several supply loudspeakers arranged separate from the wave field synthesis array includes an audio input for receiving at least one audio signal from at least one sound source, a position input for receiving information on a position of the sound source, a wave field synthesis unit for calculating loudspeaker signals for the loudspeakers of the wave field synthesis loudspeaker array, and a provider for providing the loudspeaker signal for the one or the several supply loudspeakers. The driving device enables a sound system by means of which sound localization becomes possible for the audience and at the same time pleasant levels can be achieved also in the first rows of the audience.

IPC 8 full level
H04S 3/00 (2006.01); **H04R 1/40** (2006.01); **H04R 3/12** (2006.01); **H04R 27/00** (2006.01)

CPC (source: EP US)
H04R 1/403 (2013.01 - EP US); **H04R 3/12** (2013.01 - EP US); **H04R 5/02** (2013.01 - US); **H04R 27/00** (2013.01 - EP US); **H04S 3/00** (2013.01 - EP US); H04R 2201/403 (2013.01 - EP US); H04R 2201/405 (2013.01 - US); H04R 2430/01 (2013.01 - US); H04S 2420/13 (2013.01 - EP US)

Cited by
WO2013144286A3; WO2013144269A1; WO2013144286A2; US9602944B2

Designated contracting state (EPC)
AT CH DE FR GB LI

DOCDB simple family (publication)
WO 2006058602 A1 20060608; AT E405131 T1 20080815; DE 102004057500 B3 20060614; DE 502005005051 D1 20080925; EP 1800517 A1 20070627; EP 1800517 B1 20080813; JP 2008522467 A 20080626; JP 4819823 B2 20111124; US 2007269062 A1 20071122; US 2013294624 A1 20131107; US 2016205473 A1 20160714; US 9374641 B2 20160621; US 9609434 B2 20170328; US 9955262 B2 20180424

DOCDB simple family (application)
EP 2005012057 W 20051110; AT 05801889 T 20051110; DE 102004057500 A 20041129; DE 502005005051 T 20051110; EP 05801889 A 20051110; JP 2007541754 A 20051110; US 201313926897 A 20130625; US 201615075030 A 20160318; US 74837307 A 20070514