

Title (en)

Method for automatically equalizing a sound system

Title (de)

Verfahren zur automatischen Entzerrung eines Tonsystems

Title (fr)

Procédé d'égalisation automatique d'un système sonore

Publication

EP 1843636 A1 20071010 (EN)

Application

EP 07003712 A 20070223

Priority

- EP 06007213 A 20060405
- EP 07003712 A 20070223

Abstract (en)

A Method for adjusting a sound system to a target sound, wherein the sound system having at least two groups of loudspeakers supplied with electrical sound signals to be converted into acoustical sound signals; said method comprising the steps of: sequentially supplying each group with the respective electrical sound signal; sequentially assessing the deviation of the acoustical sound signal from the target sound for each group of loudspeakers; and adjusting at least two groups of loudspeakers to a minimum deviation from the target sound by equalizing the respective electrical sound signals supplied to said groups of loudspeakers.

IPC 8 full level

H04S 7/00 (2006.01)

CPC (source: EP)

H04S 7/301 (2013.01); **H04R 2499/13** (2013.01)

Citation (applicant)

- US 5581621 A 19961203 - KOYAMA YOSHIHIDE [JP], et al
- DE 19720217 A1 19980528 - KOREA ELECTRONICS TELECOMM [KR], et al
- EP 0165733 A2 19851227 - PIONEER ELECTRONIC CORP [JP]

Citation (search report)

- [XAY] US 5581621 A 19961203 - KOYAMA YOSHIHIDE [JP], et al
- [XAY] DE 19720217 A1 19980528 - KOREA ELECTRONICS TELECOMM [KR], et al
- [XAY] EP 0165733 A2 19851227 - PIONEER ELECTRONIC CORP [JP]
- [YA] WO 0182650 A2 20011101 - KEYHOLD ENGINEERING INC [US]

Cited by

CN111970607A; US9344822B2; RU2682864C1; WO2010000807A3

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1843636 A1 20071010; EP 1843636 B1 20101013

DOCDB simple family (application)

EP 07003712 A 20070223