

Title (en)  
Sound field spatial stabilizer

Title (de)  
Räumlicher Schallfeldstabilisator

Title (fr)  
Stabilisateur spatial de champ sonore

Publication  
**EP 2760021 A1 20140730 (EN)**

Application  
**EP 13153065 A 20130129**

Priority  
EP 13153065 A 20130129

Abstract (en)  
In a system and method for maintaining the spatial stability of a sound field a balance gain may be calculated for two or more microphone signals. The balance gain may be associated with a spatial image in the sound field. Signal values may be calculated for each of the microphone. The signal values may be signal estimates or signal gains calculated to improve a characteristic of the microphone signals. The differences between the signal values associated with each microphone signal may be limited although some difference between signal values may be allowable. One or more microphone signals are adjusted responsive to the two or more balance gains and the signal gains to maintain the spatial stability of the sound field. The adjustments of one or more microphone signals may include mixing of two or more microphone. The signal gains are applied to the two or more microphone signals.

IPC 8 full level  
**G10L 21/0208** (2013.01)

CPC (source: EP)  
**G10L 21/0208** (2013.01); **G10L 2021/02082** (2013.01); **G10L 2021/02165** (2013.01)

Citation (applicant)  
• US 8036879 B2 20111011 - HETHERINGTON PHILLIP A [CA], et al  
• US 7844453 B2 20101130 - HETHERINGTON PHILLIP A [CA]  
• US 7885420 B2 20110208 - HETHERINGTON PHIL [CA], et al

Citation (search report)  
• [XY] WO 2011112382 A1 20110915 - DOLBY LAB LICENSING CORP [US], et al  
• [Y] US 7117145 B1 20061003 - VENKATESH SALIGRAMA R [US], et al  
• [Y] EP 1830348 A1 20070905 - HARMAN BECKER AUTOMOTIVE SYS [DE]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2760021 A1 20140730; EP 2760021 B1 20180117**

DOCDB simple family (application)  
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