

Title (en)

METHOD AND APPARATUS FOR DRIVING AN ARRAY OF LOUDSPEAKERS WITH DRIVE SIGNALS

Title (de)

VERFAHREN UND GERÄT ZUM STEUERN EINER LAUTSPRECHERANORDNUNG MIT STEUERSIGNALEN

Title (fr)

PROCÉDÉ ET DISPOSITIF À COMMANDER UN RÉSEAU DE HAUT-PARLEURS AVEC DES SIGNAUX DE COMMANDE

Publication

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Application

EP 15725269 A 20150513

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Abstract (en)

[origin: WO2016180493A1] There is provided a wave field synthesis apparatus for driving an array of loudspeakers with drive signals. The apparatus comprises: - a listener pose identifying unit for identifying a pose of a listener, wherein the pose comprises a location and an orientation of a listener, - a sound reproduction unit for generating the drive signals, the sound reproduction unit comprising a sound field synthesizer for generating sound field drive signals for causing the array of loudspeakers to generate a sound field at at least one audio zone and/or a binaural renderer for generating binaural drive signals for causing the array of loudspeakers to generate specified sound pressures at at least two locations, and - an adaptation unit for adapting one or more parameters of the sound reproduction unit based on the identified pose of the listener.

IPC 8 full level

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Cited by

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