

Title (en)
SYSTEM AND METHOD FOR HEADPHONE EQUALIZATION AND ROOM ADJUSTMENT FOR BINAURAL PLAYBACK IN AUGMENTED REALITY

Title (de)
SYSTEM UND VERFAHREN ZUR KOPFHÖRERENTZERRUNG UND RAUMANPASSUNG ZUR BINAURAL EN WIEDERGABE BEI AUGMENTED REALITY

Title (fr)
SYSTÈME ET PROCÉDÉ D'ÉGALISATION DE CASQUE D'ÉCOUTE ET D'ADAPTATION À LA SALLE POUR UNE RESTITUTION BINAURALE EN RÉALITÉ AUGMENTÉE

Publication
EP 4189974 A2 20230607 (DE)

Application
EP 21751796 A 20210728

Priority

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- EP 2021071151 W 20210728

Abstract (en)
[origin: WO2022023417A2] A system is provided. The system comprises an analyzer (152) for determining a plurality of binaural room impulse responses and a loudspeaker signal generator (154) for generating at least two loudspeaker signals according to the plurality of binaural room impulse responses and according to the audio source signal of at least one audio source. The analyzer (152) is designed to determine the plurality of the binaural room impulse responses such that each of the plurality of binaural room impulse responses takes into consideration an effect which results from the wearing of headphones by a user.

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Citation (search report)
See references of WO 2022023417A2

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