

Title (en)
AUDIO METHOD AND SYSTEM FOR A SEAT HEADREST

Title (de)
AUDIOVERFAHREN UND -SYSTEM FÜR EINE SITZ-KOPFSTÜTZE

Title (fr)
PROCÉDÉ ET SYSTÈME AUDIO D'APPUI-TÊTE DE SIÈGE

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Application
EP 20829947 A 20201222

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Abstract (en)
[origin: WO2021130217A1] The invention relates to an audio processing method for an audio system for a seat headrest, the audio system comprising at least two loudspeakers positioned on either side of the headrest, and an audio processing module designed to apply at least one audio processing operation. The method comprises steps of: - acquiring (70) images of the head of a user of said audio system using an image acquisition device, - processing (72, 74) the acquired images in order to determine (76), within a predetermined three-dimensional spatial reference frame, a spatial position of each ear, respectively the right ear and the left ear, of the user, and, - on the basis of said determined spatial positions of the ears of the user, and based on calibration information recorded beforehand in conjunction with an audio processing operation, determining (80) calibration information for adapting said audio processing operation to the determined spatial positions of the ears of the user. The invention also relates to an associated audio system for a seat headrest.

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Citation (examination)
• US 2012008806 A1 20120112 - HESS WOLFGANG [DE]
• DE 102013202810 A1 20140821 - BAYERISCHE MOTOREN WERKE AG [DE]
• See also references of WO 2021130217A1

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