

Title (en)

METHOD AND SYSTEM FOR ACOUSTICALLY STIMULATING THE BRAIN WAVES OF A PERSON

Title (de)

VERFAHREN UND SYSTEM ZUR AKUSTISCHEN STIMULATION DER GEHIRNWELLEN EINER PERSON

Title (fr)

PROCÉDÉ ET SYSTÈME DE STIMULATION ACOUSTIQUE DES ONDES CÉRÉBRALES D'UNE PERSONNE

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Application

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Abstract (en)

[origin: WO2017021661A1] The invention relates to a method and system for acoustically stimulating the brain waves of a person (P). Said method comprises: providing (6) a basic signal; acquiring (3) a measurement signal; defining a desired stimulation frequency on the basis of the measurement signal and a stipulated spectral content indicator; determining a signal modified on the basis of the basic signal, measurement signal and stipulated spectral content indicator such that an interference signal between the modified signal and the basic signal comprises a component for stimulation at a frequency defined on the basis of the measurement signal and the stipulated spectral content indicator, and the stimulation component is synchronized in phase with a brain wave of the person at the desired stimulation frequency; and emitting (4a, 4b) the basic signal and the modified signal such that the basic signal and modified signal are perceived stereophonically by the person (P).

IPC 8 full level

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