

Title (en)
ELECTRODYNAMIC BROAD BAND TRANSDUCER FOR AUDIO HEADPHONE AND RESPECTIVE AUDIO HEADPHONE

Title (de)
ELEKTRODYNAMISCHER BREITBANDWANDLER FÜR AUDIOKOPFHÖRER UND ENTSPRECHENDER AUDIOKOPFHÖRER

Title (fr)
TRANSDUCTEUR ELECTRODYNAMIQUE LARGE BANDE POUR CASQUE AUDIO ET CASQUE AUDIO ASSOCIE

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Application
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Abstract (en)
[origin: WO2017216126A1] The invention relates to a broadband electrodynamic transducer (10) for headphones, said transducer (10) comprising:
- a magnetic motor (11) designed to generate a magnetic field; - a coil (12) that is disposed in the air gap (13) of the magnetic motor (11) and can move translationally under the effect of the magnetic field; and - a membrane (14) that is connected to the coil (12) in such a way as to convert the translational movement of the coil (12) into an acoustic wave; - the transducer (10) comprising a self-supporting coil (12) that is glued to the membrane (14), the membrane (14) having a Young's modulus of more than 40 GPa.

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