Title (en)

DEVICE FOR PLAYING AUDIO HAVING A SET NON-CONSTANT CURVATURE

Title (de)

VORRICHTUNG ZUR WIEDERGABE VON AUDIO MIT EINER FESTEN NICHTKONSTANTEN KRÜMMUNG

Title (fr)

DISPOSITIF DE DIFFUSION SONORE A COURBURE NON CONSTANTE FIGEE

Publication

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Application

EP 19753182 A 20190719

Priority

- FR 1856699 A 20180719
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Abstract (en)

[origin: WO2020016538A1] The present invention relates to a device (300) for playing audio comprising a single enclosure (310) and, in this single enclosure (310), at least two superposed high-frequency acoustic sources (320) and a plurality of superposed medium-frequency and/or low-frequency sources (330) placed to the left and/or to the right of the high-frequency acoustic sources (320), the high-frequency acoustic sources (320) being individually coupled to a waveguide (340) so as to generate a vertical wavefront having a set non-constant curvature. Such a device (300) makes it possible to minimise the discontinuities between the acoustic sources, allowing high-quality audio to be played (no parasitic lobes), to considerably decrease weight and cost of manufacture, and also a rapid installation requiring no angular adjustment of each of the acoustic sources with respect to one another, contrary to current devices.

IPC 8 full level

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Citation (search report)

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