Title (en)

PANEL LOUDSPEAKERS

Title (de)

PLATTENLAUTSPRECHER

Title (fr)

HAUT-PARLEURS A PANNEAUX

Publication

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Application

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Priority

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Abstract (en)

[origin: DE19825866A1] The invention relates to the embodiment of so-called panel loudspeakers working according to the bending wave principle. Said panels are generally formed by a panel (11), at least one driver (12) and a frame (13), the panel (11) being connected to the frame (13). In order to achieve appropriate bending wave induction in the panel (11), very complicated assessments must be made in order to determine the corresponding positioning areas (15) in which the driver (12) excites the panel (11) or is connected to the latter. Furthermore, the size of the panels (11) can change considerably depending on the application so that assessments must only be made repeatedly in the case of panels that can be easily modified. The invention aims at providing general positioning areas (15) for the driver (12) in or on the panels (11) so that no further assessments need to be carried out regarding the positioning area (15). To this end, an edge area (16) attached directly to the edges (13) of the panel (11) and a center of gravity area (17) extending along the center of gravity (S) of the panel (11) are discarded from the very beginning as positioning area (15). Specifications with respect to the width or enlargement of the different zones (16, 17) in relation to the dimension of the panel (11) are also given.

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H04R 7/06

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CPC (source: EP US)

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