

Title (en)

Sound reproduction unit.

Title (de)

Tonwiedergabeordnung.

Title (fr)

Ensemble perfectionné de reproduction de sons.

Publication

EP 0390626 A1 19901003 (FR)

Application

EP 90400574 A 19900301

Priority

FR 8904004 A 19890328

Abstract (en)

This sound reproduction unit, containing an acoustic enclosure (1) comprising two parts (2,3) separated by an intermediate partition (4), in the first part of which are arranged a main loudspeaker (5) facing an orifice (6) of a lateral wall of this first part and an auxiliary loudspeaker (7), facing an orifice (8) of the intermediate partition of the enclosure, the second part (3) of the enclosure containing a vent (11) for placing the inside of the second part of the enclosure in communication with the outside, and the main (5) and auxiliary (7) loudspeakers being excited in phase opposition by a same signal source, is characterised in that a conduit (10) for loading the auxiliary loudspeaker (7) is provided between the orifice (8) of the intermediate partition and the vent (11), in order to place the signals emitted by the main and auxiliary loudspeakers back in phase, this conduit containing two portions (12a, 12b) of different cross-section, the first of which, of smaller cross-section, has a cross-section almost equal to that of the diaphragm of the auxiliary loudspeaker (7) and is fixed to the intermediate partition (4) of the enclosure facing the auxiliary loudspeaker. <IMAGE>

IPC 1-7

H04R 1/28

IPC 8 full level

H04R 1/28 (2006.01)

CPC (source: EP)

H04R 1/26 (2013.01); **H04R 1/2857** (2013.01); **H04R 1/2842** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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