

Title (en)
ELECTROLYTIC LOUDSPEAKER ASSEMBLY

Title (de)
ELEKTROLYTISCHE LAUTSPRECHERANORDNUNG

Title (fr)
ENSEMBLE HAUT-PARLEUR ELECTROLYTIQUE

Publication
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Application
EP 98926190 A 19980602

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• US 9811275 W 19980602
• US 4820197 P 19970602

Abstract (en)
[origin: WO9857522A1] A compilation of improvements and modifications to U.S. patent 5,392,358 which discloses an electrolytic loudspeaker assembly (10) which reproduces a broad band of audio signals. The assembly (10) is comprised of a thin, non-magnetic capacitive transducer (12) which consists of compound diaphragm (14) that is further comprised of a center section (16), a front section (20) and a rear section (22). The compound diaphragm (14) is enclosed by a frame assembly (32). The improvements and modifications to the assembly (10) include two designs for a center section (16A, 18A); three designs each for a front section (20A, 24A, 28A) and a rear section (22A, 26A, 30A); three designs for a frame assembly (32A, 34A, 36A) and two designs for a transducer driver unit (46, 48). The basic design of the assembly (10) is also augmented by the addition of an acoustic wave diffuser, reflector, and absorbing assembly (40) and an acoustic baffle structure (44).

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