

Title (en)

Combined active deresonator and ambience generator

Title (de)

Kombinierte aktive Raumresonanzunterdrückung und Raumhallerzeugung

Title (fr)

Dérésonateur actif et générateur d'ambiance en combinaison

Publication

EP 0555787 B1 19970514 (EN)

Application

EP 93101873 A 19930206

Priority

FI 920608 A 19920213

Abstract (en)

[origin: EP0555787A2] The invention relates to a device to be used for changing the acoustic properties of a room, comprising a pressure transducer (1), a loudspeaker (2) and an electronic control circuit (3) adapted to generate, in response to pressure changes in the room, an electrical signal that serves to cancel the pressure change detected by the pressure transducer (1) when it is reproduced through the loudspeaker. For improving the properties of the room also with respect to reverberation, the device of the invention further includes an ambience generator (4) adapted to receive an electrical signal proportional to the sound present in the room and to generate, in response to said signal, a signal which produces an acoustic field containing early reflections and reverberation in the room when reproduced through the loudspeaker (2). <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (examination)

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