

Title (en)

Method and device for correcting a distortion of the loudness perception of a reproduced-sound presentation.

Title (de)

Verfahren und Vorrichtung zur Korrektur einer Verfälschung der Lautheitsempfindung eines reproduzierten Schallereignisses.

Title (fr)

Méthode et dispositif de correction d'une distorsion de la sensation d'intensité sonore lors de la reproduction d'un événement sonore.

Publication

**EP 0377144 B1 19940601 (DE)**

Application

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Priority

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Abstract (en)

[origin: EP0377144A2] A solution is specified how the reproduction device for sound events can be designed in such a manner that the diffuse sound at the location of listening produces a uniform frequency-independent loudness. This is achieved by the fact that the audio-frequency signal supplied to the sound transducer system is distorted in such a manner that the diffuse sound exhibits at the location of listening the same loudness characteristic which would be exhibited by a sound transducer operated with undistorted audio-frequency signal in an anechoic room. <IMAGE>

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