

Title (en)

METHOD AND DEVICE FOR CORRECTING A DISTORTION OF THE LOUDNESS PERCEPTION OF A REPRODUCED-SOUND PRESENTATION

Publication

**EP 0377144 A3 19910828 (DE)**

Application

**EP 89122993 A 19891213**

Priority

DE 3900044 A 19890103

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>

IPC 1-7

**H04R 3/04**

IPC 8 full level

**H04R 3/04** (2006.01); **H04R 27/00** (2006.01)

CPC (source: EP)

**H04R 3/04** (2013.01); **H04R 27/00** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

BE DE FR GB IT

DOCDB simple family (publication)

**EP 0377144 A2 19900711; EP 0377144 A3 19910828; EP 0377144 B1 19940601**; DE 3900044 A1 19900705; DE 58907779 D1 19940707

DOCDB simple family (application)

**EP 89122993 A 19891213**; DE 3900044 A 19890103; DE 58907779 T 19891213