

Title (en)

Method for amplifying an acoustic signal and corresponding acoustic system

Title (de)

Verfahren zur Verstärkung eines Akustiksignals und entsprechendes Akustiksystem

Title (fr)

Procédé pour amplifier un signal acoustique et système acoustique correspondant

Publication

**EP 1655997 B1 20091230 (DE)**

Application

**EP 05109472 A 20051012**

Priority

DE 102004053776 A 20041108

Abstract (en)

[origin: EP1655997A2] A method for amplification of an acoustic signal involves receiving a limiting amplification frequency curve (g) of the amplifying device which represents the limit for feedback whistling, and establishing a desirable amplification frequency characteristic (se) with several check-points, in which each check-point has a specified minimum spacing to the limiting amplification curve in at least two different directions in the amplification-frequency diagram. An independent claim is included for an acoustic system with amplification device.

IPC 8 full level

**H04R 25/00** (2006.01)

CPC (source: EP US)

**H04R 25/453** (2013.01 - EP US)

Cited by

EP2234411A1

Designated contracting state (EPC)

CH DE DK FR GB LI

DOCDB simple family (publication)

**EP 1655997 A2 20060510; EP 1655997 A3 20090527; EP 1655997 B1 20091230**; DE 102004053776 A1 20060511;  
DE 102004053776 B4 20071031; DE 502005008776 D1 20100211; DK 1655997 T3 20100503; US 2006098832 A1 20060511;  
US 8050436 B2 20111101

DOCDB simple family (application)

**EP 05109472 A 20051012**; DE 102004053776 A 20041108; DE 502005008776 T 20051012; DK 05109472 T 20051012;  
US 26334205 A 20051031