

Title (en)

A method for reducing distortion in a receiver

Title (de)

Verfahren zur Verzerrungsverringerung bei einem Empfänger

Title (fr)

Procédé de réduction de la distorsion dans un récepteur

Publication

EP 1241919 A3 20030716 (EN)

Application

EP 02251724 A 20020312

Priority

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- US 9581901 A 20010312

Abstract (en)

[origin: EP1241919A2] A receiver, such as for use in a hearing aid, is disclosed. The receiver comprises a housing and a diaphragm assembly disposed within the housing. The diaphragm assembly acoustically divides the housing into a front volume and a back volume. The diaphragm assembly comprises a paddle having a perimeter, a flexible annulus connected to the paddle, and a diaphragm support, wherein the diaphragm support secures the perimeter of the annulus to the housing. The receiver further comprises a plurality of apertures in the diaphragm assembly, wherein the plurality of apertures provides an acoustic distortion of no greater than 2% THD. <IMAGE>

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CPC (source: EP)

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Citation (search report)

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- [A] US 5452268 A 19950919 - BERNSTEIN JONATHAN J [US]

Designated contracting state (EPC)

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EP 1241919 A2 20020918; **EP 1241919 A3 20030716**; **EP 1241919 B1 20111005**; DK 1241919 T3 20120206

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