

Title (en)

Method of adapting the acoustic volume and the second-order high-pass filter of a loudspeaker chassis

Title (de)

Verfahren zur Anpassung des akustischen Volumens und des Hochpassfilters 2. Ordnung eines Lautsprecher-Chassis

Title (fr)

Procédé d'adaptation du volume acoustique et du filtre passe-haut d'ordre deux d'un chassis à haut-parleur

Publication

EP 0568721 B1 19971210 (DE)

Application

EP 92107794 A 19920508

Priority

EP 92107794 A 19920508

Abstract (en)

[origin: EP0568721A1] Loudspeaker in a closed enclosure. Conventional passive loudspeaker systems exhibit very large enclosures for a clean base reproduction which extends to low frequencies. Active electronic correcting systems are expensive and can only be used when loudspeaker and electronics are paired correctly. The novel passive loudspeaker system is intended to achieve at the same time predetermined frequency response characteristic, small enclosures and clean base reproduction which extends to a low frequency. The low range speaker is operated in connection with an enclosure tuned to its parameters and a tuned passive high-pass filter of at least 2nd degree. These measures result in a low cut-off frequency and small enclosure for particular acoustically advantageous frequency response characteristics. The novel loudspeaker system is particularly of interest in the field of small speakers suitable for the living room. <IMAGE>

IPC 1-7

H04R 3/04

IPC 8 full level

H04R 3/04 (2006.01)

CPC (source: EP)

H04R 3/04 (2013.01)

Cited by

DE19548149A1; DE19548149B4

Designated contracting state (EPC)

AT CH DE DK FR GB IT LI

DOCDB simple family (publication)

EP 0568721 A1 19931110; EP 0568721 B1 19971210; AT E161136 T1 19971215; DE 59209062 D1 19980122; DK 0568721 T3 19980824

DOCDB simple family (application)

EP 92107794 A 19920508; AT 92107794 T 19920508; DE 59209062 T 19920508; DK 92107794 T 19920508