

Title (en)  
Loudspeaker system.

Title (de)  
Lautsprechersystem.

Title (fr)  
Système de haut-parleur.

Publication  
**EP 0456416 B1 19950802 (EN)**

Application  
**EP 91303981 A 19910502**

Priority  
JP 12162590 A 19900511

Abstract (en)  
[origin: EP0456416A2] A dip-free plane flat pressure level-frequency characteristic is realized by a cascade bass-reflex loudspeaker system provided with a port-containing partition or partitions in a speaker cabinet to divide a space inside thereof into two internal acoustically connected spaces by establishing in either internal space a Helmholtz resonator possessing the same resonant frequency as a second antiresonant frequency to absorb a negative-phase sound radiated from the port to the outside of the cabinet, thereby eliminating a dip in the sound pressure-level frequency characteristic due to the second antiresonance unique to a cascade bass-reflex loudspeaker system. <IMAGE>

IPC 1-7  
**H04R 1/28**

IPC 8 full level  
**H04R 1/28** (2006.01)

CPC (source: EP)  
**H04R 1/2819** (2013.01); **H04R 1/2826** (2013.01)

Cited by  
DE19859046A1; US5740259A; US7614479B2; EP0612194A1; US5436977A; GB2295518A; GB2295518B; US8699738B2; DE102009011051A1; US6223853B1; WO2014048207A1; WO2010137997A3

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