

Title (en)
LOUDSPEAKER APPARATUS AND METHOD

Publication
EP 0267650 A3 19900425 (EN)

Application
EP 87202151 A 19871105

Priority
US 92885386 A 19861107

Abstract (en)
[origin: EP0267650A2] An open-back baffle loudspeaker having a higher baffle cut-off frequency and a lower resonant frequency of possibly 25-50Hz. The loudspeaker is made with a relatively high "Q" (e.g., between 2 to 4) so that the effect of the "Q" on amplitude counteracts the effect of baffle roll-off, thus causing the amplitude of the output of the loudspeaker to remain substantially constant from the baffle cut-off frequency to the resonant frequency. The result is a loudspeaker which can more faithfully reproduce relatively low frequency sounds.

IPC 1-7
H04R 1/28; **H04R 9/06**

IPC 8 full level
H04R 1/02 (2006.01); **H04R 1/28** (2006.01); **H04R 1/40** (2006.01)

CPC (source: EP)
H04R 1/2811 (2013.01); **H04R 1/403** (2013.01)

Citation (search report)
• [Y] DE 1537629 A1 19700122 - KLEMT ARTHUR
• [A] US 3680658 A 19720801 - GOESKEL HELMUT
• [YD] JOURNAL OF THE AUDIO ENGINEERING SOCIETY, vol. 28, no. 1/2, Jan/Feb 1980, pages 35-39; R.J. NEWMAN: "Dipole Radiator Systems"

Cited by
GB2502282A; GB2502282B; WO9955117A1; WO9614722A1; WO0067524A3; US11910153B2

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0267650 A2 19880518; **EP 0267650 A3 19900425**; JP S63219298 A 19880912

DOCDB simple family (application)
EP 87202151 A 19871105; JP 28086687 A 19871106