

Title (en)

A filtering device for high frequency loudspeakers.

Title (de)

Filterungsvorrichtung für Hochtonlautsprecher.

Title (fr)

Dispositif de filtrage pour haut-parleurs à haute fréquence.

Publication

EP 0485010 A1 19920513 (EN)

Application

EP 91202795 A 19911029

Priority

IT 8563790 A 19901108

Abstract (en)

A filtering device for a high frequency loudspeaker comprises a resistor (3) interposed in series on the feeding line of the loudspeaker, and downstream of the resistor there is provided an inductor (8) located directly in parallel with respect to the loudspeaker (2). The device permits to linearize the impedance seen by the amplifier (7) at the output terminals when the frequency varies, a fact which permits the attainment of a substantial improvement in the operating conditions of the amplifier. <IMAGE>

IPC 1-7

H04R 3/14

IPC 8 full level

H04R 3/14 (2006.01); **H04R 3/12** (2006.01)

CPC (source: EP)

H04R 3/14 (2013.01)

Citation (search report)

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- [A] EP 0241994 A1 19871021 - GELUK RONALD JAN IR
- [A] JOURNAL OF THE AUDIO ENGINEERING SOCIETY. vol. 26, no. 11, November 1978, NEW YORK US pages 850 - 855; J.K. HILLIARD AND H.R. KIMBALL: 'Dividing Networks for Loud Speaker Systems'
- [A] FUNKSCHAU vol. 54, no. 25, December 1982, MUNCHEN DE pages 52 - 55; R. SCHJTZ: 'Frequenzweichen für Lautsprecher'

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EP1097510A4; FR2713431A1; US5822441A; GB2282022A; GB2282022B; WO9515667A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

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