

Title (en)  
NOISE CONTROL APPARATUS

Title (de)  
VORRICHTUNG ZUR GERÄUSCHUNTERDRÜCKUNG

Title (fr)  
DISPOSITIF DE SUPPRESSION DE BRUIT

Publication  
**EP 0580579 B1 19980624 (EN)**

Application  
**EP 91920600 A 19910419**

Priority  
• CA 2108696 A 19910419  
• US 9102731 W 19910419

Abstract (en)  
[origin: WO9219080A1] The sound wave radiated from the front surface (UF) of a loudspeaker driver diaphragm is of opposite polarity with respect to that radiated from the back surface (UB). If the two signals are directly combined, they will tend to cancel one another. An acoustic phase inversion network (5) is used to ensure that the backwave is in phase with the front wave, and the combined signals are used to drive the inlet of a loudspeaker transmission line (6).

IPC 1-7  
**H04R 1/28**; **H04R 1/30**; **G10K 11/16**

IPC 8 full level  
**G10K 11/16** (2006.01); **G10K 11/178** (2006.01); **H04R 1/28** (2006.01); **H04R 1/30** (2006.01); **H04R 25/00** (2006.01)

IPC 8 main group level  
**G10K** (2006.01); **H04R** (2006.01)

CPC (source: EP)  
**H04R 1/2842** (2013.01); **H04R 1/30** (2013.01)

Cited by  
US9741355B2; US10959035B2; US11211043B2; US9615813B2; US9793872B2; US9906867B2; US9621994B1; US9998832B2; US10848118B2; US10848867B2; US11425499B2; US10639000B2; US9906858B2; US10069471B2; US10313791B2; US10917722B2; US11418881B2; US9638672B2; US9883318B2; US10412533B2; US10701505B2; US10999695B2; US11202161B2; US10158337B2; US10666216B2; US10820883B2; US11284854B2; US11431312B2

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