

Title (en)

Equalization system of a telephone piezoceramic transducer

Title (de)

Entzerrungssystem für einen piezokeramischen Fernsprechwandler

Title (fr)

Système d'égalisation pour un transducteur piézocéramique téléphonique

Publication

**EP 0751696 A1 19970102 (EN)**

Application

**EP 96109137 A 19960607**

Priority

IT MI951380 A 19950628

Abstract (en)

The improvement consists in providing an acoustic filter capable of generating an acoustic resistance which is precise and stable. Such a filter is realized by providing the surface of the transducer bottom base, on which the piezoceramic circular diaphragm abuts, with channels of very small section. By varying the number and section of the channels it is possible to obtain the required precise and repetitive acoustic resistance as well as a response curve in function of the frequency which is sufficiently linear and suitable for the requirements in the telephone field. <IMAGE> <IMAGE>

IPC 1-7

**H04R 17/00**; **H04R 1/22**; **H04M 1/03**

IPC 8 full level

**H04R 1/22** (2006.01); **H04R 17/00** (2006.01)

CPC (source: EP)

**H04R 1/225** (2013.01); **H04R 17/00** (2013.01)

Citation (search report)

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WO2005053353A3; JP2007512756A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 0751696 A1 19970102**; IT 1277195 B1 19971105; IT MI951380 A0 19950628; IT MI951380 A1 19961228

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