

Title (en)

Semiconductor amplifying circuit and semiconductor electret condenser microphone

Title (de)

Halbleiterverstärkerschaltung und Halbleiterelektret-Kondensator Mikrofon

Title (fr)

Circuit amplificateur à semiconducteur et microphone capacitif à électret semiconducteur

Publication

**EP 1096831 A2 20010502 (EN)**

Application

**EP 00307278 A 20000823**

Priority

JP 28142099 A 19991001

Abstract (en)

To be resistant to effects of burst noise in semiconductor amplifying circuit and semiconductor electret condenser microphone. Constitution  
Comprising a voltage converting circuit 10 for receiving a weak signal alpha and issuing this signal as a voltage signal beta , and an amplifying  
circuit 20 for receiving the voltage signal beta and amplifying and issuing this signal, the voltage converting circuit 10 and amplifying circuit 20 are  
formed in a same semiconductor chip C. That is, since the input terminal of the amplifying circuit 20 is concealed in the semiconductor chip C, burst  
noise hardly gets into the amplifying circuit 20. <IMAGE>

IPC 1-7

**H04R 19/00**

IPC 8 full level

**H03F 3/187** (2006.01); **H04R 19/01** (2006.01); **H04R 19/04** (2006.01)

CPC (source: EP)

**H04R 19/01** (2013.01)

Cited by

EP1473966A4; US8600079B2; US8374363B2; US7978863B2; US8094846B2; US9332342B2

Designated contracting state (EPC)

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