

Title (en)  
MICROPHONE WITH RANGE SWITCHING

Title (de)  
MIKROFON MIT BEREICHSAUSWAHL

Title (fr)  
MICROPHONE AVEC SELECTION DE GAMMES

Publication  
**EP 1192836 A4 20081008 (EN)**

Application  
**EP 01924304 A 20010323**

Priority  
• US 0109475 W 20010323  
• US 54564600 A 20000407

Abstract (en)  
[origin: WO0178446A1] A variable sensitivity/variable gain circuit for an electret microphone (10) having an amplifier (12) includes a sensitivity selecting circuit (32) coupled with the buffer amplifier (12) for adjusting the transduction gain of the microphone.

IPC 8 full level  
**H04R 1/04** (2006.01); **H04R 3/00** (2006.01); **H04R 3/04** (2006.01); **H04R 19/01** (2006.01); **H04R 21/02** (2006.01); **H04R 25/00** (2006.01)

CPC (source: EP US)  
**H04R 1/04** (2013.01 - EP); **H04R 3/04** (2013.01 - EP); **H04R 19/016** (2013.01 - EP); **H04R 25/00** (2013.01 - EP US);  
**H04R 2225/61** (2013.01 - EP US); **H04R 2410/01** (2013.01 - EP)

Citation (search report)  
• [XY] US 4617555 A 19861014 - SHEIMAN ARTHUR E [US]  
• [XY] US 5239579 A 19930824 - SCHUH PETER O [US]  
• [XY] US 3875349 A 19750401 - RUEGG HEINZ  
• [Y] US 4466120 A 19840814 - WALKER JR WESLEY F [US], et al  
• [Y] US 4888807 A 19891219 - REICHEL KENNETH R [US]  
• See references of WO 0178446A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Designated extension state (EPC)  
AL LT LV MK RO SI

DOCDB simple family (publication)  
**WO 0178446 A1 20011018**; AU 5097001 A 20011023; EP 1192836 A1 20020403; EP 1192836 A4 20081008

DOCDB simple family (application)  
**US 0109475 W 20010323**; AU 5097001 A 20010323; EP 01924304 A 20010323