

Title (en)
Microphone

Title (de)
Mikrofon

Title (fr)
Microphone

Publication
EP 1246502 A1 20021002 (EN)

Application
EP 01303026 A 20010330

Priority
EP 01303026 A 20010330

Abstract (en)
Provided is a microphone with a stable output employing an aluminum membrane and having an air escape provided to the vibration detector. Specifically, the material used as the membrane frame material has a larger Young's modulus and a smaller thermal expansion coefficient than those of aluminum. Thereby, even if stress distribution or heat distribution is inflicted on the membrane frame, the slack or tension in the membrane will be reduced and the microphone output is stabilized.

IPC 1-7
H04R 23/00

IPC 8 full level
H04R 23/00 (2006.01)

CPC (source: EP)
H04R 23/008 (2013.01)

Citation (search report)
• [A] US 5854846 A 19981229 - BEAVERS BOB RAY [US]
• [A] US 4926696 A 19900522 - HARITONIDIS JOSEPH H [US], et al
• [X] PATENT ABSTRACTS OF JAPAN vol. 006, no. 081 (E - 107) 19 May 1982 (1982-05-19)
• [A] PATENT ABSTRACTS OF JAPAN vol. 008, no. 268 (E - 283) 7 December 1984 (1984-12-07)

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TWI505723B

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

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