

Title (en)
Electroacoustic transducer

Title (de)
Elektroakustischer Wandler

Title (fr)
Transducteur électroacoustique

Publication
EP 1233648 A3 20060920 (DE)

Application
EP 01890336 A 20011212

Priority
AT 2272001 A 20010214

Abstract (en)
[origin: US2002110254A1] An electrostatically operating electroacoustic transducer, operating as a sound receiver and configured to be mounted in a microphone capsule, has an electrode and a diaphragm connected to one another at a spacing from one another by a spacer ring, wherein on the electrode at least one first electric resistor is arranged which is connected to a power supply during operation of the microphone. The resistor is heated to prevent condensation of water vapor, and this improves the resistance of the microphone against ambient humidity.

IPC 8 full level
H04R 19/04 (2006.01)

CPC (source: EP US)
H04R 19/04 (2013.01 - EP US)

Citation (search report)

- [X] US 3991285 A 19761109 - VAN DEN WORM FREDDY EDDY, et al
- [A] US 2115129 A 19380426 - ERICH THIENHAUS
- [A] US 4450929 A 19840529 - MARRS RALPH E [US]

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

DOCDB simple family (publication)
EP 1233648 A2 20020821; EP 1233648 A3 20060920; EP 1233648 B1 20081105; AT 413922 B 20060715; AT A2272001 A 20051015; AT E413786 T1 20081115; CN 1248543 C 20060329; CN 1371234 A 20020925; DE 50114468 D1 20081218; JP 2002271899 A 20020920; JP 4038051 B2 20080123; US 2002110254 A1 20020815; US 6792123 B2 20040914

DOCDB simple family (application)
EP 01890336 A 20011212; AT 01890336 T 20011212; AT 2272001 A 20010214; CN 02103215 A 20020129; DE 50114468 T 20011212; JP 2002025473 A 20020201; US 7103802 A 20020208