

Title (en)
Pressure gradient microphone capsule

Title (de)
Druckgradienten-Mikrofonkapsel

Title (fr)
Capsule microphonique à gradient de pression

Publication
EP 1351549 A3 20070418 (DE)

Application
EP 03450026 A 20030127

Priority
AT 2902002 A 20020226

Abstract (en)
[origin: US2003165251A1] An electrostatic pressure-gradient microphone capsule to be mounted essentially flush in or behind especially flat mounting surfaces includes a capsule housing with two sound inlet openings which may be divided, a diaphragm tightly mounted on a diaphragm ring, an electrode and possibly an acoustic friction. The two sound entry openings are arranged on one side of the capsule housing, i.e., the front side, and one sound entry opening is connected acoustically conductively with the front side of the diaphragm and the other sound entry opening is connected acoustically conductively with the rear side of the diaphragm, and the diaphragm is arranged essentially parallel to the front side.

IPC 8 full level
H04R 1/38 (2006.01); **H04R 19/00** (2006.01); **H04R 19/04** (2006.01)

CPC (source: EP US)
H04R 1/38 (2013.01 - EP US); **H04R 19/04** (2013.01 - EP US)

Citation (search report)
• [Y] AT 251668 B 19670110 - AKG AKUSTISCHE KINO GERAETE
• [Y] EP 0276996 A2 19880803 - CRYSTALATE ELECTRONICS [GB]

Cited by
EP2262277A1; WO2010121916A1; US8036412B2; US8472639B2; US8345898B2

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

Designated extension state (EPC)
AL LT LV MK RO

DOCDB simple family (publication)
AT 410741 B 20030725; AT A2902002 A 20021115; CN 100508647 C 20090701; CN 1441621 A 20030910; EP 1351549 A2 20031008; EP 1351549 A3 20070418; EP 1351549 B1 20121107; US 2003165251 A1 20030904; US 6885751 B2 20050426

DOCDB simple family (application)
AT 2902002 A 20020226; CN 03106395 A 20030226; EP 03450026 A 20030127; US 37466003 A 20030226