

Title (en)

Microphone holder having connector unit molded together with conductive strips

Title (de)

Mikrofonhalter mit einer mit Kontaktanschlüsse gegossenen Verbindungseinrichtung

Title (fr)

Support de microphone avec dispositif de connection moulé avec des tiges de contact

Publication

EP 1401053 A1 20040324 (EN)

Application

EP 02021290 A 20020919

Priority

EP 02021290 A 20020919

Abstract (en)

A microphone holder (5) includes a casing (6) made of soft synthetic resin and formed with a recess (6a) and a sound hole (6e) open to the recess and a connector unit having conductive elastic strips (7a) partially embedded in a solid insulating lid (7b) made of hard synthetic resin; a microphone (8) is snugly received in the recess (6a), and the recess is closed with the solid insulating lid (7b) in such a manner that the conductive elastic strips (7a) are held in contact at inner contact portions (7d) to electrodes (8a) of the microphone (8) and at the outer contact portions (7c) to a circuit board (9); the conductive elastic strips (7a) are embedded in the solid insulating lid (7b) during a molding for the solid insulating lid so that the assembling work is speeded up. <IMAGE>

IPC 1-7

H01R 12/04; **H04R 1/04**

IPC 8 full level

H01R 12/04 (2006.01); **H04R 1/04** (2006.01); **H01R 13/24** (2006.01); **H01R 13/405** (2006.01)

CPC (source: EP)

H01R 12/714 (2013.01); **H04R 1/04** (2013.01); **H01R 12/7082** (2013.01); **H01R 13/24** (2013.01); **H01R 13/405** (2013.01); **H01R 2201/16** (2013.01)

Citation (applicant)

- EP 0938247 A1 19990825 - POLYMATECH CO LTD [JP]
- EP 0880299 A1 19981125 - FUJI POLYMER IND [JP]
- US 6106305 A 20000822 - KOZEL CHARLES A [US], et al
- JP 2001103116 A 20010413 - TOSHIBA CORP
- JP H1155795 A 19990226 - HOSHIDEN CORP

Citation (search report)

- [X] EP 0938247 A1 19990825 - POLYMATECH CO LTD [JP]
- [X] EP 0880299 A1 19981125 - FUJI POLYMER IND [JP]
- [A] WO 8201655 A1 19820527 - COMMW OF AUSTRALIA [AU], et al
- [A] US 6106305 A 20000822 - KOZEL CHARLES A [US], et al

Citation (examination)

- JP 2000268925 A 20000929 - J S T MFG CO LTD
- JP 2001102116 A 20010413 - KYOCERA ELCO KK
- JP H1155795 A 19990226 - HOSHIDEN CORP
- JP H1141683 A 19990212 - FUJI POLYMER IND

Cited by

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

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