

Title (en)

Contact microphone for cymbals and the like.

Title (de)

Kontaktmikrophon für Zimbel und dergleichen.

Title (fr)

Microphone de contact pour cymbales et instruments similaires.

Publication

EP 0238187 A2 19870923 (EN)

Application

EP 87301097 A 19870209

Priority

GB 8603457 A 19860212

Abstract (en)

Microphone for use with a cymbal, gong or other resonant percussion instrument has at least one strip (30) of piezoelectric sheet secured to the instrument surface (10) with the strip axis radially of the instrument and electrodes on the strip major surfaces. There are pref. 6-12 strips located around the instrument surface at irregular angular spacings. Each strip is pref. of polarised polyvinylidenefluoride and 3.5mm wide with a circumferentially extending part at the outer end to form an L-shaped transducer. There may be a further strip extending circumferentially around the outer part of the instrument and of a length approximating a whole number of wavelengths of vibration propagating circumferentially in the outer part.

IPC 1-7

G10H 3/14

IPC 8 full level

G10H 3/14 (2006.01)

CPC (source: EP)

G10H 3/146 (2013.01); **G10H 2220/531** (2013.01); **G10H 2220/535** (2013.01); **G10H 2230/271** (2013.01); **G10H 2230/321** (2013.01)

Cited by

GB2203587A; FR2886502A1; CN103210664A; FR2887736A1; CN105448285A; EP0855698A1; US5965834A; WO2006128998A3

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0238187 A2 19870923; EP 0238187 A3 19890315; GB 8603457 D0 19860319

DOCDB simple family (application)

EP 87301097 A 19870209; GB 8603457 A 19860212