

Title (en)

Signalling device comprising an electrical acoustic signal generator

Title (de)

Signalgebereinrichtung mit einem elektrischen akustischen Signalgeber

Title (fr)

Dispositif d'émission de signal doté d'un émetteur de signal acoustique électrique

Publication

EP 2363211 B1 20151223 (DE)

Application

EP 11151406 A 20110119

Priority

DE 102010008223 A 20100210

Abstract (en)

[origin: EP2363211A1] The device (11) has an electrical acoustic signal transmitter (12) comprising a piezoceramic pane (14) arranged on a metal membrane (15). The signal transmitter is provided with electrical contacts at the piezoceramic pane and the metal membrane to be contacted with strip guards. The signal transmitter is secured at a carrier by a clamp-type or clip-type holding unit i.e. clip hook. The holding unit forms an electrical contact to the metal membrane, where the signal transmitter exhibits a solder-free contact with the carrier and the electrical contacts. The holding unit is made of flexible and/or spring-elastic material.

IPC 8 full level

G10K 9/122 (2006.01); **G10K 9/22** (2006.01)

CPC (source: EP)

B06B 1/0644 (2013.01); **G10K 9/122** (2013.01); **G10K 9/22** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2363211 A1 20110907; EP 2363211 B1 20151223; DE 102010008223 A1 20110811; ES 2561664 T3 20160229; PL 2363211 T3 20160630

DOCDB simple family (application)

EP 11151406 A 20110119; DE 102010008223 A 20100210; ES 11151406 T 20110119; PL 11151406 T 20110119