

Title (en)

ELECTROMECHANICAL HORN WITH EXCITATION OF ITS ACOUSTIC DIAPHRAGM CONTROLLED ELECTRONICALLY BY SENSORS WHICH MEASURE ITS RESONANCE FREQUENCY

Publication

EP 0266485 A3 19881102 (EN)

Application

EP 87107567 A 19870524

Priority

IT 293286 A 19861105

Abstract (en)

[origin: EP0266485A2] In this electromechanical horn (T), which is provided with an acoustic diaphragm (5) able to undergo movements induced in it by variable magnetic fields generated by an electromagnet (3), the electromagnet (3) which operates the diaphragm (5) is excited by frequencies generated by an electronic oscillator which are based on the value of the maximum diaphragm resonance frequency measured by a specific sensor (7).

IPC 1-7

G10K 9/13

IPC 8 full level

B06B 1/02 (2006.01); **G01H 13/00** (2006.01); **G10K 9/13** (2006.01); **H03H 9/00** (2006.01)

CPC (source: EP)

B06B 1/0269 (2013.01); **B06B 2201/53** (2013.01)

Citation (search report)

- [X] DE 3442483 A1 19860522 - BOSCH GMBH ROBERT [DE]
- [X] DE 2448685 A1 19760422 - BOSCH GMBH ROBERT
- [X] US 4395665 A 19830726 - BUCHAS GERALD L
- [Y] US 3771772 A 19731113 - HONDA K

Cited by

EP1008394A4; DE102013221182B4; EP1383108A1; AU626894B2; US5109212A; EP1710022A3; WO9000093A1; WO2005034057A1

Designated contracting state (EPC)

DE ES FR GB SE

DOCDB simple family (publication)

EP 0266485 A2 19880511; **EP 0266485 A3 19881102**; IT 1205507 B 19890323; IT 8602932 A0 19861105; JP S63124095 A 19880527

DOCDB simple family (application)

EP 87107567 A 19870524; IT 293286 A 19861105; JP 14131887 A 19870605