

Title (en)
Microphone assembly with adjustable directional characteristics for motor vehicles

Title (de)
Mikrofonanordnung mit verstellbarer Richtcharakteristik für Kraftfahrzeuge

Title (fr)
Dispositif de microphone avec directivité réglable pour véhicules automobiles

Publication
EP 2757810 B1 20180221 (DE)

Application
EP 13005756 A 20131211

Priority
DE 202013000580 U 20130122

Abstract (en)
[origin: EP2757810A2] The arrangement (1) has an electronic control device provided with an evaluation unit connected to two micro-electro-mechanical-system (MEMS) microphone capsules (4, 5). Directional characteristic of the arrangement is more adjustable by a control unit. A sound chamber is arranged between the wind protection devices, so that characteristic of wind direction and intensity of wind signal is calculated by using the MEMS microphone capsules, and directional characteristic of the arrangement is adjustable by using the control unit based on wind signal characteristic.

IPC 8 full level
H04R 3/00 (2006.01); **H04R 1/08** (2006.01); **H04R 1/32** (2006.01); **H04R 1/40** (2006.01)

CPC (source: EP)
H04R 1/406 (2013.01); **H04R 3/005** (2013.01); **H04R 2201/003** (2013.01); **H04R 2410/07** (2013.01); **H04R 2499/13** (2013.01)

Cited by
DE102018222744A1

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)
DE 202013000580 U1 20140423; EP 2757810 A2 20140723; EP 2757810 A3 20160706; EP 2757810 B1 20180221

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