

Title (en)

Method for active acoustic sound compensation in hollow car-bodies

Title (de)

Vorrichtung zur aktiven akustischen Schallkompensation in Hohlräumen eines Kraftfahrzeuges

Title (fr)

Procédé pour la compensation active acoustique du son dans des espaces creux d'une automobile

Publication

EP 0649129 B1 19971203 (DE)

Application

EP 94114135 A 19940908

Priority

DE 4334942 A 19931013

Abstract (en)

[origin: EP0649129A2] In a device for active acoustic sound compensation of disturbing sound in cavities of a motor vehicle, having a sensor which supplies a sensor signal which essentially corresponds to the disturbing sound and whose output is connected to an input of an adaptive digital filter unit, and having a sound transmitter, which is connected downstream of the adaptive digital filter unit, for the generation of a compensating sound, an amplitude smoothing unit is interconnected between the output of the sensor and the input of the adaptive digital filter unit, the amplitude smoothing unit producing essentially the same amplitude for each frequency component of the sensor signal. <IMAGE>

IPC 1-7

G10K 11/178

IPC 8 full level

G10K 11/178 (2006.01)

CPC (source: EP US)

G10K 11/17854 (2017.12 - EP US); **G10K 11/17855** (2017.12 - EP US); **G10K 11/17883** (2017.12 - EP US); **G10K 2210/1282** (2013.01 - EP); **G10K 2210/3017** (2013.01 - EP); **G10K 2210/3025** (2013.01 - EP); **G10K 2210/3028** (2013.01 - EP); **G10K 2210/3045** (2013.01 - EP)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0649129 A2 19950419; **EP 0649129 A3 19960207**; **EP 0649129 B1 19971203**; DE 4334942 A1 19950420; DE 59404716 D1 19980115

DOCDB simple family (application)

EP 94114135 A 19940908; DE 4334942 A 19931013; DE 59404716 T 19940908