

Title (en)

METHOD AND DEVICE FOR ACTIVELY INFLUENCING THE INTAKE NOISE OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR AKTIVEN BEEINFLUSSUNG DES ANSAUGGERÄUSCHES EINER BRENNKRAFTMASCHINE

Title (fr)

PROCEDE ET DISPOSITIF POUR INFLUER DE MANIERE ACTIVE SUR LE BRUIT D'ADMISSION D'UN MOTEUR A COMBUSTION INTERNE

Publication

EP 1221158 A1 20020710 (DE)

Application

EP 00962457 A 20000908

Priority

- DE 19949685 A 19991015
- EP 0008775 W 20000908

Abstract (en)

[origin: DE19949685A1] The active noise cancellation system has the noise at inlet measured by a microphone (16) and the signal is compared with a reference in a controller (17). The reference is dependent on engine (10) speed. A correction signal is determined which is super imposed using a loudspeaker (14) to produce a cancelling effect.

IPC 1-7

G10K 11/178

IPC 8 full level

F02M 35/12 (2006.01); **G10K 11/178** (2006.01)

CPC (source: EP US)

G10K 11/17833 (2017.12 - EP US); **G10K 11/17857** (2017.12 - EP US); **G10K 11/17883** (2017.12 - EP US); **G10K 2210/1282** (2013.01 - EP US); **G10K 2210/3014** (2013.01 - EP US)

Citation (search report)

See references of WO 0129819A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 19949685 A1 20010419; EP 1221158 A1 20020710; JP 2003512575 A 20030402; US 2002164038 A1 20021107; US 6688422 B2 20040210; WO 0129819 A1 20010426

DOCDB simple family (application)

DE 19949685 A 19991015; EP 0008775 W 20000908; EP 00962457 A 20000908; JP 2001532531 A 20000908; US 12084602 A 20020412