Title (en)
ACTIVE SOUND AND/OR VIBRATION CONTROL

Title (de)
AKTIVE SCHALL- UND/ODER VIBRATIONSSTEUERUNG

Title (fr)
SYSTEME ACTIF DE CONTROLE DE SON ET/OU DE VIBRATIONS

Publication
EP 0470153 B1 19960228 (EN)

Application
EP 90907216 A 19900420

Priority
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Abstract (en)
[origin: WO9013108A1] An active sound or vibration control system for compensating noise or vibration arising from a periodic source of changing periodicity, wherein sensors (6) sense the existing noise and vibration, the sensor signals are sampled several times per cycle by an ADC (8) triggered by a signal output from a sensor (3) detecting the position of the source in its cycle, the sampled signals are transformed into compensation actuator drive signal values by a series of transform and adaptation modules (11 to 13, 15) based on algorithms dependent on the frequency of the source, and the drive signal values are stored in a memory means (1) continually updated by the values derived from the sampled sensor signals.

IPC 1-7
G10K 11/16

IPC 8 full level
F01N 1/00 (2006.01); **F16F 15/02** (2006.01); **G05B 13/02** (2006.01); **G05D 19/02** (2006.01); **G10K 11/178** (2006.01)

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DE ES FR IT SE

DOCDB simple family (publication)
WO 9013108 A1 19901101; AU 5545690 A 19901116; AU 635266 B2 19930318; CA 2049332 A1 19901026; CA 2049332 C 20000801; DE 69025604 D1 19960404; DE 69025604 T2 19961024; EP 0470153 A1 19920212; EP 0470153 B1 19960228; ES 2084028 T3 19960501; GB 2230920 A 19901031; GB 2230920 B 19931222; GB 8909433 D0 19890614; JP H04505221 A 19920910

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