

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

- GB 9000617 W 19900420
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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

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