

Title (en)
Vibration control system.

Title (de)
Schwingungssteuergerät.

Title (fr)
Dispositif de commande de vibrations.

Publication
EP 0434468 A2 19910626 (EN)

Application
EP 90314217 A 19901221

Priority
• JP 3379090 A 19900216
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Abstract (en)
A vibration control system comprises at least one original vibration detecting means (7) located on or close to each of at least one vibration source (2) for detecting an original vibration or noise from the vibration source, at least one controlled vibration applying actuator (6) provided on an acoustic radiator (5) which is vibrated by the original vibration or noise, and controlling means for receiving a signal from the original vibration detecting means and outputting a control signal to the controlled vibration applying actuator, the controlling means including a digital filter (8) which produces a control signal for actuating the vibration applying actuator (6) so as to generate a controlled vibration wave having an inverse waveform which is of an opposite sign to the original vibration, thereby offsetting the original vibration with the controlled vibration to reduce the original vibration of the acoustic radiator and effectively isolate noise of a random vibration. <IMAGE>

IPC 1-7
G10K 11/16

IPC 8 full level
G10K 11/178 (2006.01)

CPC (source: EP US)
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