

Title (en)

DEVICE FOR REDUCING VIBRATIONS OF A STRUCTURE

Title (de)

VORRICHTUNG ZUR REDUKTION VON SCHWINGUNGEN EINER STRUKTUR

Title (fr)

DISPOSITIF DE RÉDUCTION DE VIBRATIONS D'UNE STRUCTURE

Publication

EP 2076689 A1 20090708 (DE)

Application

EP 07818542 A 20070928

Priority

- EP 2007008460 W 20070928
- DE 102006046593 A 20060930

Abstract (en)

[origin: WO2008037487A1] A device (7) for reducing vibrations of a structure (1) has a vibration sensor (8) which is arranged in a structure (1), an actuator (11) which engages on the structure, and a controller (9) which activates the actuator (11) as a function of a signal (10) of the vibration sensor (8). The controller (9) itself has an electrical oscillation circuit (14) which determines the profile of a transfer function of the controller (9) between the signal (10) of the vibration sensor (8) and the activation (12) of the actuator (11). The oscillation circuit (14) is constructed from operational amplifiers (16-18).

IPC 8 full level

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CPC (source: EP US)

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