

Title (en)

Sound-proofing device for systems comprising a movable part

Title (de)

Schallschutzvorrichtung für Systeme mit einem beweglichen Teil

Title (fr)

Dispositif d'insonorisation pour systèmes comprenant une partie mobile

Publication

EP 1138860 B1 20030806 (DE)

Application

EP 01810045 A 20010118

Priority

CH 5982000 A 20000329

Abstract (en)

[origin: EP1138860A1] The device comprises a base plate (31) which is made from a sound-resistant centre part (3) connectable to the mechanical system and designed to connect two wing members (32a, 32b) together. The wing members are each connected to a side part (22a, 22b) of a sound-resistant angular element (2a, 2b) through a sound-soft elastic layer (4a, 4b). The angular element has a base part (21a, 21b) connectable with the assembly body. The nature and dimensions of the two sound-soft layers is selected taking into consideration the incline of the wing members and side parts so that the assembled sound protection device expands the mechanism system into a vibration system whose resonance frequency is below the frequency range of disturbing sounds.

IPC 1-7

E05D 15/06

IPC 8 full level

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CPC (source: EP)

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Cited by

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EP 1138860 A1 20011004; EP 1138860 B1 20030806; AT E246764 T1 20030815; AU 1828301 A 20011004; AU 783415 B2 20051027; CA 2340846 A1 20010929; DE 50100447 D1 20030911; JP 2001336343 A 20011207; JP 4902909 B2 20120321

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