

Title (en)

ACTIVE COUNTERSOUND SYSTEM WITH SPECIAL ARRANGEMENT OF THE SECONDARY ACTUATORS FOR REDUCING THE PASSAGE OF SOUND AT AN OPEN BOUNDARY AREA OF TWO VOLUMES

Title (de)

AKTIVES GEGENSCHALLSYSTEM MIT SPEZIELLER ANORDNUNG DER SEKUNDÄREN AKTOREN ZUM REDUZIEREN DES SCHALLDURCHGANGS AN EINEM OFFENEN GRENZBEREICH ZWEIER VOLUMEN

Title (fr)

SYSTEME ACTIF DE REDUCTION SONORE A DISPOSITION SPECIALE D'ACTIONNEURS PERMETTANT DE REDUIRE LE PASSAGE DU SON A UNE ZONE LIMITE OUVERTE DE DEUX VOLUMES

Publication

EP 1866908 A2 20071219 (EN)

Application

EP 06724041 A 20060405

Priority

- EP 2006003092 W 20060405
- DE 102005016021 A 20050407
- US 66906105 P 20050407

Abstract (en)

[origin: DE102005016021A1] A reference sensor (13) detects a primary sound wave (16) and outputs a reference signal (R). An automatic controller (11) generates an error signal (F) based on the reference signal and a secondary signal (S) produced by secondary actuators (14). Counter sound waves (15) from the secondary actuators are reduced based on the error signal to obtain an optimal sound wave. The secondary actuators are arranged so as to be penetrable by the primary sound wave at the edge of an open depressing surface (21).

IPC 8 full level

G10K 11/178 (2006.01)

CPC (source: EP US)

G10K 11/17857 (2017.12 - EP US); **G10K 11/17881** (2017.12 - EP US); **G10K 2210/12** (2013.01 - EP US)

Citation (search report)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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DE 102005016021 A 20050407; CA 2597636 A 20060405; CN 200680009803 A 20060405; EP 06724041 A 20060405; EP 2006003092 W 20060405; JP 2008504679 A 20060405; RU 2007139146 A 20060405; US 90838306 A 20060405