Title (en)

METHOD AND APPARATUS FOR CONTROLLING AN ACTIVE NOISE CANCELLATION SYSTEM

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KONTROLLE EINES AKTIVEN RAUSCHUNTERDRÜCKUNGSSYSTEMS

Title (fr)

PROCEDE ET DISPOSITIF DE CONTROLE D'UN SYSTEME DE REDUCTION ACTIVE DE BRUIT

Publication

EP 2783364 B1 20180516 (FR)

Application

EP 12790546 A 20121121

Priority

- FR 1160820 A 20111125
- EP 2012073224 W 20121121

Abstract (en)

[origin: WO2013076137A1] The method applies to a vehicle (12) in which an active noise reduction system (15) comprises one or more loudspeakers (13) for producing one or more output sound signals which oppose the noise and one or more microphones (11) for picking up one or more feedback signals which quantify the noise reduction obtained. To implement the method, the vehicle (12) comprises a control device (23) which comprises feedback verification means designed to establish a feedback diagnosis by analyzing at least one feedback signal (umiC) in combination with means of activation (24) and of neutralization of the active noise reduction system (15) which are driven so as to activate, respectively deactivate, the active noise reduction system following a positive feedback diagnosis, respectively following a negative feedback diagnosis.

IPC 8 full level

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CPC (source: EP US)

G10K 11/17825 (2017.12 - EP US); **G10K 11/17833** (2017.12 - EP US); **G10K 11/17883** (2017.12 - EP US); G10K 2210/1282 (2013.01 - EP); G10K 2210/503 (2013.01 - EP)

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