

Title (en)

Method and apparatus for providing vehicle engine noises

Title (de)

Verfahren und Vorrichtung zum Erzeugen von Motorgeräuschen eines Kraftfahrzeugs

Title (fr)

Méthode et dispositif de génération de bruit pour un moteur de véhicule

Publication

EP 1524649 A1 20050420 (DE)

Application

EP 03103811 A 20031015

Priority

EP 03103811 A 20031015

Abstract (en)

Production of engine noise of a vehicle comprises processing a signal of the engine of the vehicle depending on an operating parameter of the engine (3, 4), and reproducing as an acoustic signal. Independent claims are also included for the following: (1) Device for producing engine noise of a vehicle; and (2) Private motor vehicle containing the device. Preferred Features: The operating parameter is the throttle flap position and/or the engine speed. The signal of the engine is produced by a knocking sensor (1). The signal of the engine is filtered using a filter (2).

Abstract (de)

Die Erfindung betrifft ein Verfahren zum Erzeugen von Motorgeräuschen eines Kraftfahrzeugs, wobei ein Signal des Motors (1) des Kraftfahrzeugs in Abhängigkeit von mindestens einer Betriebsgröße (3, 4) des Motors verarbeitet (2) und als akustisches Signal wiedergegeben wird (5, 6). <IMAGE>

IPC 1-7

G10K 15/02

IPC 8 full level

G10K 15/02 (2006.01)

CPC (source: EP)

G10K 15/02 (2013.01)

Citation (search report)

- [XA] DE 19831576 A1 20000120 - TUEV AUTOMOTIVE GMBH UNTERNEHM [DE]
- [XA] EP 0992976 A2 20000412 - BAYERISCHE MOTOREN WERKE AG [DE]
- [A] GB 2354872 A 20010404 - VIDEO TECH DESIGNS PLC [GB]

Citation (examination)

DE 19701801 A1 19980702 - AARCON PRAUSS ARMINIUS GMBH [DE], et al

Cited by

DE102015221629A1; US8730020B2; US8299904B2

Designated contracting state (EPC)

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