

Title (en)
SIMULATION OF ENGINE SOUNDS IN SILENT VEHICLES

Title (de)
SIMULATION VON MOTORENGERÄUSCHEN BEI LAUTLOSEN FAHRZEUGEN

Title (fr)
SIMULATION DE BRUITS DE MOTEUR DANS DES VÉHICULES SILENCIEUX

Publication
EP 2559025 A1 20130220 (DE)

Application
EP 11711523 A 20110328

Priority
• AT 6252010 A 20100416
• EP 2011054683 W 20110328

Abstract (en)
[origin: WO2011128200A1] The invention relates to a vehicle (1) having an alternative engine (2) and having at least one first loudspeaker (7) for outputting a sound to the surrounds of the vehicle (1), wherein a microphone (3, 4, 5) is provided in the engine space of the vehicle (1) in order to pick up the engine sounds of the engine (2) and in that amplifier means (6) are provided in order to amplify the picked-up engine sounds and wherein the first loudspeaker (7) is provided in the engine space in order to output the picked-up engine sounds again in amplified form directly in the engine space.

IPC 8 full level
G10K 15/02 (2006.01); **B60L 3/00** (2006.01); **B60Q 5/00** (2006.01)

CPC (source: EP US)
B60L 3/0015 (2013.01 - EP US); **B60Q 5/008** (2013.01 - EP US); **B60Q 9/00** (2013.01 - EP US); **G10K 15/02** (2013.01 - EP US); **H03G 3/20** (2013.01 - US); **B60L 2270/42** (2013.01 - EP US)

Citation (search report)
See references of WO 2011128200A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
AT 508606 A2 20110215; AT 508606 A3 20111115; EP 2559025 A1 20130220; US 2013208912 A1 20130815; WO 2011128200 A1 20111020

DOCDB simple family (application)
AT 17112010 A 20101014; EP 11711523 A 20110328; EP 2011054683 W 20110328; US 201113641251 A 20110328