

Title (en)
Method to detect vehicles

Title (de)
Verfahren zum Detektieren von Fahrzeugen

Title (fr)
Procédé de détection de véhicules

Publication
EP 0940792 A3 20000906 (DE)

Application
EP 99103249 A 19990219

Priority
DE 19809058 A 19980304

Abstract (en)
[origin: EP0940792A2] The method involves signal processing the output of at least one sensor of motor vehicle noise and analyzing it for characteristics specific to motor vehicles. A detection signal is output if such characteristics are detected. The analysis is conducted in several mutually independent stages (15, 16, 17) according to qualitatively different characteristics. A slave alarm signal is generated in each stage after extracting such a characteristic with sufficient confidence. The slave signals are combined to form a master alarm signal representing the detection or alarm signal.

IPC 1-7
G08G 1/04

IPC 8 full level
G01V 1/00 (2006.01); **G08G 1/04** (2006.01)

CPC (source: EP)
G08G 1/04 (2013.01)

Citation (search report)

- [A] US 5619616 A 19970408 - BRADY MARK J [US], et al
- [A] DE 4237721 A1 19940511 - ATLAS ELEKTRONIK GMBH [DE]
- [DA] DE 19542871 C1 19961128 - STN ATLAS ELEKTRONIK GMBH [DE]

Cited by
US7796820B2; WO2005034062A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0940792 A2 19990908; EP 0940792 A3 20000906; EP 0940792 B1 20040728; DE 19809058 A1 19990909; DE 59910034 D1 20040902; DK 0940792 T3 20041004

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EP 99103249 A 19990219; DE 19809058 A 19980304; DE 59910034 T 19990219; DK 99103249 T 19990219