

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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