Title (en)

Device triggered by vehicles

Title (de)

Auf Fahrzeuge ansprechende Weckvorrichtung

Title (fr)

Appareil déclenché par véhicule

Publication

EP 0940793 A3 20000906 (DE)

Application

EP 99103250 A 19990219

Priority

DE 19809059 A 19980304

Abstract (en)

[origin: EP0940793A2] The alarm responds to sounds made by motor vehicles and generates a signal indicating their presence. It contains at least one sensor (10) for receiving the vehicle noise and a signal processor (11) with at least two separate channels (111, 112) with a bandpass filter (20, 21), rectifier and integrator (25, 26). The parameters of one channel are tuned to the vehicle noise. Those of the other channel are tuned to event noise partially overlapping the vehicle noise, e.g. gusts of wind. Decision logic (18, 19) is fed back to an estimation filter (16, 17) in the first channel to influence its operation, parameters and decision thresholds. Alarm logic (20) generates the alarm signal using the degree of confidence output by the decision logic.

IPC 1-7

G08G 1/04

IPC 8 full level

G08G 1/04 (2006.01)

CPC (source: EP)

G08G 1/04 (2013.01)

Citation (search report)

- [DA] DE 19542871 C1 19961128 - STN ATLAS ELEKTRONIK GMBH [DE]
- [A] US 4005384 A 19770125 - PRYOR JR CABELL N, et al

Cited by

CN110832354A

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 0940793 A2 19990908; **EP 0940793 A3 20000906**; DE 19809059 A1 19990909; DE 19809059 C2 20011018

DOCDB simple family (application)

EP 99103250 A 19990219; DE 19809059 A 19980304