

Title (en)

SYSTEM FOR MONITORING VEHICLE TRAFFIC ON A ROUTE AND METHOD OF OPERATION OF SUCH A SYSTEM

Title (de)

SYSTEM ZUR STRASSENVERKEHRSÜBERWACHUNG AUF EINER STRECKE UND VERFAHREN FÜR DEN BETRIEB EINES DERARTIGEN SYSTEMS

Title (fr)

SYSTEME DE SURVEILLANCE DU TRAFIC DE VEHICULES SUR UN PARCOURS ET PROCEDE DE FONCTIONNEMENT D'UN TEL SYSTEME

Publication

EP 2548187 A1 20130123 (FR)

Application

EP 11710451 A 20110315

Priority

- FR 1051999 A 20100319
- EP 2011053859 W 20110315

Abstract (en)

[origin: WO2011113817A1] System for monitoring vehicle traffic on a route and method of operation of such a system comprising a central facility (2) furnished with a circuit (6) for sending/receiving radioelectric signals exhibiting communication windows or phases and at least one autonomous detection device (3) comprising a sensor (7) able to deliver signals relating to vehicles detected travelling on said route and a circuit (8) for sending/receiving radioelectric signals. The sensor (7) exhibits polling phases and pause phases as a function of at least one traffic state criterion. The send/receive circuit (8) exhibits send/receive phases established as a function of at least one traffic state criterion and of the pause phases, the duration of the pause phases being dependent on at least one traffic state criterion and on the communication windows or phases of the central facility.

IPC 8 full level

G08G 1/01 (2006.01); **G08C 17/00** (2006.01)

CPC (source: EP)

G08G 1/01 (2013.01); **G08G 1/04** (2013.01); **G08G 1/052** (2013.01)

Citation (search report)

See references of WO 2011113817A1

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)

WO 2011113817 A1 20110922; EP 2548187 A1 20130123; EP 2548187 B1 20181003; ES 2704324 T3 20190315; FR 2957708 A1 20110923; FR 2957708 B1 20130531

DOCDB simple family (application)

EP 2011053859 W 20110315; EP 11710451 A 20110315; ES 11710451 T 20110315; FR 1051999 A 20100319