

Title (en)

METHOD FOR DETECTING AND WARNING OF DRIVERS DRIVING IN THE WRONG DIRECTION, AND REPORTING AND WARNING SYSTEM FOR DRIVERS DRIVING IN THE WRONG DIRECTION

Title (de)

VERFAHREN ZUR ERMITTLUNG VON UND WARNUNG VOR FALSCHFAHRERN SOWIE FALSCHFAHRER-MELDE- UND WARNSYSTEM

Title (fr)

PROCÉDÉ PERMETTANT DE DÉTERMINER ET DE METTRE EN GARDE CONTRE DES AUTOMOBILISTES ROULANT À CONTRESENS AINSI QUE SYSTÈME D'INDICATION ET D'ALERTE D'AUTOMOBILISTES ROULANT À CONTRESENS

Publication

EP 2586019 A1 20130501 (DE)

Application

EP 11745482 A 20110628

Priority

- DE 102010025379 A 20100628
- EP 2011003178 W 20110628

Abstract (en)

[origin: WO2012000651A1] The invention relates to a method for detecting and warning of drivers (FF) driving in the wrong direction, comprising the following steps: a) establishing a radio field (13) over a roadway section (3) to be monitored and at least substantially transversely to a specified correct driving direction (4) of the roadway section (3), wherein the radio field (13) has at least two radio field sections (14, 15, 16, 17), which are spaced from each other as viewed in the driving direction (4) and which have associated received field strengths (EFS); b) detecting attenuations (AS) of the received field strengths (EFS) of the radio field sections (14-17) that occur due to radio shading (FASC) during driving through the roadway section (3); c) determining the sequence of the radio field sections (14-17 or 17-14) in which an attenuation (AS) of the associated received field strengths (EFS) was detected; d) comparing the determined attenuation sequence (14-17 or 17-14) with the correct driving direction (4); and e) initiating at least one warning signal (WS; WS'; WS"; WS""; WS''') if the attenuation sequence (17-14) runs opposite the correct driving direction (4).

IPC 8 full level

G08G 1/056 (2006.01); **G01S 13/92** (2006.01); **G08G 1/16** (2006.01)

CPC (source: EP US)

G08G 1/056 (2013.01 - EP US); **G08G 1/095** (2013.01 - EP US); **G08G 1/096758** (2013.01 - EP US); **G08G 1/096775** (2013.01 - EP US); **G08G 1/096783** (2013.01 - EP US); **G08G 1/164** (2013.01 - EP US)

Citation (search report)

See references of WO 2012000651A1

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)

DE 102010025379 A1 20111229; EP 2586019 A1 20130501; EP 2586019 B1 20180425; US 2013147639 A1 20130613; US 8917188 B2 20141223; WO 2012000651 A1 20120105

DOCDB simple family (application)

DE 102010025379 A 20100628; EP 11745482 A 20110628; EP 2011003178 W 20110628; US 201113699312 A 20110628