Title (en)

METHOD, DEVICE AND SYSTEM FOR DETECTING WRONG-WAY DRIVERS

Title (de)

VERFAHREN VORRICHTUNG UND SYSTEM ZUR FALSCHFAHRERERKENNUNG

Title (fr)

PROCÉDÉ, DISPOSITIF ET SYSTÈME POUR DÉTECTER DES VÉHICULES CIRCULANT À CONTRE-SENS

Publication

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Application

EP 17717424 A 20170413

Priority

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Abstract (en)

[origin: WO2017211488A1] The invention relates to a method for detecting wrong-way drivers comprising the following steps: inputting map data (116) representing the sections of a road network that can be driven by a vehicle (100); determining a plurality of actual particles using a measured actual position of the vehicle (100), one particle representing a position occupied by the vehicle (100) and a weighting associated with the occupied position; inputting a plurality of previously filtered particles which represent particles filtered during a previous filtering step using a particle filter; determining a plurality of plausible road sections using the plurality of actual particles and the plurality of previously filtered particles and filtering the plurality of actual particles based on the plurality of plausible road sections using the particle filter in order to determine a plurality of filtered particles.

IPC 8 full level

G08G 1/056 (2006.01); **G01C 21/30** (2006.01); **G08G 1/01** (2006.01); **G08G 1/16** (2006.01)

CPC (source: EP US)

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Designated contracting state (EPC)

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