

Title (en)

Method and device for detecting and classifying moving vehicles

Title (de)

Verfahren und Vorrichtung zum Erfassen und Klassifizieren von fahrenden Fahrzeugen

Title (fr)

Procédé et dispositif destinés à détecter et classifier des véhicules en marche

Publication

EP 2503529 B1 20160413 (DE)

Application

EP 12151272 A 20120116

Priority

DE 102011014855 A 20110324

Abstract (en)

[origin: EP2503529A1] The method involves classifying a vehicle (12) from multiple measurements of two different physical quantities, where each measurement is performed by a separate sensor device (16,22). One of the sensor devices is comprised of an induction loop (20) of an induction loop detector, where the sensor device is also provided with a magnetic field sensor. The field strength distribution of the magnetic field of the Earth is determined. An independent claim is provided for a sensor system with a sensor device for classifying a measurement area.

IPC 8 full level

G08G 1/015 (2006.01); **G08G 1/042** (2006.01); **G08G 1/14** (2006.01)

CPC (source: EP)

G08G 1/015 (2013.01); **G08G 1/042** (2013.01); **G08G 1/142** (2013.01); **G08G 1/143** (2013.01)

Cited by

EP3091372A1; EP3104197A1; EP3329423A4; US11756420B2; US11538320B2; JP2022546632A; WO2021078638A1

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