

Title (en)

Method for detecting vehicles with trailers

Title (de)

Verfahren zur Detektion von Fahrzeugen mit Anhängern

Title (fr)

Procédé de détection de véhicules dotés de remorques

Publication

**EP 2372667 B1 20120822 (DE)**

Application

**EP 10450053 A 20100402**

Priority

EP 10450053 A 20100402

Abstract (en)

[origin: EP2372667A1] The method involves assigning vehicles (2) and trailers (3) with vehicle and trailer onboard units (9, 10), respectively, where the units are carried by the vehicles and the trailers. One of the vehicles and one of the trailers are detected together when evaluation of two short-range radio communications (7, 8) with the onboard units indicates that the onboard units are moved at a limited and constant distance from one another. A phase shift is used between the radio communications for measurement of a distance between the vehicle onboard unit and the trailer onboard unit for the evaluation.

IPC 8 full level

**G08G 1/015** (2006.01); **G07B 15/00** (2011.01)

CPC (source: EP US)

**G07B 15/063** (2013.01 - EP US); **G08G 1/015** (2013.01 - EP US)

Cited by

EP2660792A1; EP3012810A1; CN110648410A; WO2016054994A1; US9035792B2

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

**EP 2372667 A1 201111005; EP 2372667 B1 20120822**; DK 2372667 T3 20121210; ES 2393906 T3 20121228; PL 2372667 T3 20130131; PT 2372667 E 20121031; SI 2372667 T1 20121231; US 2011246263 A1 20111006; US 8452643 B2 20130528

DOCDB simple family (application)

**EP 10450053 A 20100402**; DK 10450053 T 20100402; ES 10450053 T 20100402; PL 10450053 T 20100402; PT 10450053 T 20100402; SI 201030087 T 20100402; US 201113044314 A 20110309