

Title (en)

METHOD FOR DETERMINING A TRAVEL DIRECTION AND CONTROL DEVICE FOR A VEHICLE SYSTEM

Title (de)

VERFAHREN ZUM ERMITTELN EINER FAHRTRICHTUNG UND STEUEREINRICHTUNG FÜR EIN FAHRZEUGSYSTEM

Title (fr)

PROCÉDÉ DE DÉTERMINATION D'UNE DIRECTION DE DÉPLACEMENT ET DISPOSITIF DE COMMANDE POUR UN SYSTÈME DE VÉHICULE

Publication

EP 2356471 A1 20110817 (DE)

Application

EP 09777771 A 20090808

Priority

- EP 2009005779 W 20090808
- DE 102008056529 A 20081108
- DE 102009020594 A 20090509

Abstract (en)

[origin: WO2010051869A1] The invention relates to a method for determining a travel direction of a vehicle (1), particularly a trailer vehicle, wherein wheel speed signals (n1, n2, n3) are captured and a travel speed (v) is determined, a longitudinal acceleration (a) of the vehicle (1) is measured, and a longitudinal acceleration measurement signal (Sa) is output, an approach process is determined from a time change in the travel speed (v), and the direction of the approach process is determined from the longitudinal acceleration measurement signal (Sa). An approach process in the reverse direction is particularly detected thereby. The invention further relates to a control device (2) for performing the method, particularly in a vehicle controller, a vehicle system, and a corresponding vehicle.

IPC 8 full level

G01P 13/04 (2006.01)

CPC (source: EP US)

G01P 13/00 (2013.01 - EP US); **G01P 13/04** (2013.01 - EP US); **G01P 13/045** (2013.01 - EP US)

Citation (search report)

See references of WO 2010051869A1

Cited by

US11084342B2; US11491832B2; US10670479B2; US11135882B2; US10696109B2; US10940726B2; US11221262B2

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)

WO 2010051869 A1 20100514; DE 102009020594 A1 20100520; EP 2356471 A1 20110817; US 2011264301 A1 20111027

DOCDB simple family (application)

EP 2009005779 W 20090808; DE 102009020594 A 20090509; EP 09777771 A 20090808; US 200913128152 A 20090808