

Title (en)
DEVICE AND METHOD FOR VEHICLE MEASUREMENT

Title (de)
VORRICHTUNG UND VERFAHREN ZUR FAHRZEUGVERMESSUNG

Title (fr)
DISPOSITIF ET PROCÉDÉ POUR MESURER DES VÉHICULES

Publication
EP 3631359 A1 20200408 (DE)

Application
EP 18727729 A 20180517

Priority
• DE 102017208608 A 20170522
• EP 2018062934 W 20180517

Abstract (en)
[origin: WO2018215294A1] The invention relates to a device for determining the wheel or axle geometry of a vehicle (1), comprising a measuring site (10) where the vehicle (1) to be measured can travel and which has at least one known reference pattern (7; 7a, 7b) which is arranged above or below the wheel (4; 4a, 4b) of the vehicle (1) to be measured; and a measuring sensor (2) having an image capturing device (3) and an evaluation device (9). The measuring sensor (2) can be attached to a vehicle wheel (4; 4a, 4b) to be measured such that the position and alignment of the image capturing device (3) relative to the vehicle wheel (4; 4a, 4b) is known, and such that the image capturing device (3) can capture at least one image of at least one sub-region of the at least one known reference pattern (7; 7a, 7b). The evaluation device (9) is designed to evaluate an image captured by the image capturing device (3) when the vehicle wheel (4; 4a, 4b) is stationary, in order to determine the local track of the vehicle wheel (4; 4a, 4b).

IPC 8 full level
G01B 11/275 (2006.01)

CPC (source: EP)
G01B 11/275 (2013.01); **G01B 2210/143** (2013.01); **G01B 2210/303** (2013.01); **G01B 2210/306** (2013.01)

Citation (search report)
See references of WO 2018215294A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102017208608 A1 20181122; EP 3631359 A1 20200408; WO 2018215294 A1 20181129

DOCDB simple family (application)
DE 102017208608 A 20170522; EP 18727729 A 20180517; EP 2018062934 W 20180517