

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  
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Application  
**EP 18727729 A 20180517**

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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).

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