

Title (en)
METHOD AND DEVICE FOR OPTICALLY MEASURING AN UNDERCARRIAGE

Title (de)
VERFAHREN UND VORRICHTUNG ZUR OPTISCHEN FAHRWERKSVERMESSUNG

Title (fr)
PROCÉDÉ ET DISPOSITIF DE MESURE OPTIQUE DU CHÂSSIS

Publication
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Application
EP 08736176 A 20080414

Priority
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Abstract (en)
[origin: WO2008135341A1] The invention relates to a method for optically measuring an undercarriage and/or for dynamically testing undercarriage components of a motor vehicle (1). At least one wheel (2) and/or at least one section of the vehicle (1) is illuminated with a light pattern (15) of structured light by means of an illumination device (11), and the reflected light (4') is received by means of an imaging sensor unit (12, 13) and evaluated in an evaluation unit (16). The invention also relates to a device for carrying out the method. Even in suboptimal light conditions in the surrounding environments, a robust measurement is achieved because the structured light is emitted by the illumination device in a narrow band in a specified narrow emission wavelength range, and because the light is likewise detected by means of the sensor unit (12, 13) in a receiving wavelength range corresponding to the emission wavelength range and is evaluated in the evaluation unit (16), wherein foreign light influences are removed.

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Citation (search report)
See references of WO 2008135341A1

Citation (examination)
• EP 0751371 A2 19970102 - TALGO PATENTES [ES]
• EP 0007227 A1 19800123 - COMMW SCIENT IND RES ORG [AU]
• US 2004008259 A1 20040115 - GOKTURK SALIH BURAK [US], et al

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