

Title (en)  
METHOD FOR ASCERTAINING A FORCE AND/OR TORQUE ACTING ON A COMPONENT, SENSOR ARRANGEMENT, AND USE THEREOF

Title (de)  
VERFAHREN ZUM ERMITTELN VON AUF EINE KOMPONENTE WIRKENDEN KRAFT UND/ODER DREHMOMENT, SENSORANORDNUNG UND VERWENDUNG DERSELBEN

Title (fr)  
PROCÉDÉ DE DÉTERMINATION D'UNE FORCE ET/OU D'UN COUPLE AGISSANT SUR UN COMPOSANT, AGENCEMENT DE CAPTEUR ET UTILISATION ASSOCIÉE

Publication  
**EP 4370887 A1 20240522 (DE)**

Application  
**EP 21742388 A 20210712**

Priority  
EP 2021069331 W 20210712

Abstract (en)  
[origin: WO2023284939A1] Disclosed is a method for ascertaining a force and/or torque acting on a component (100) in a mechanical system by means of a reference element (10) which can be clamped to the component (100) by a first end (12) and the geometry of which and/or the relative position of which to the component (100) is sensed by a sensor unit (20), and the effective force and/or torque is/are determined using an evaluation.

IPC 8 full level  
**G01L 3/04** (2006.01); **G01B 7/24** (2006.01); **G01L 5/00** (2006.01); **G01L 5/22** (2006.01); **G01L 7/02** (2006.01)

CPC (source: EP US)  
**G01L 3/04** (2013.01 - EP US); **G01L 5/0028** (2013.01 - EP); **G01L 5/0061** (2013.01 - EP); **G01L 5/22** (2013.01 - EP)

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Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
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DOCDB simple family (publication)  
**WO 2023284939 A1 20230119**; EP 4370887 A1 20240522; US 2024319028 A1 20240926

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**EP 2021069331 W 20210712**; EP 21742388 A 20210712; US 202118574464 A 20210712