

Title (en)  
DETERMINATION OF DYNAMIC AXLE LOADS AND/OR WHEEL LOADS OF A WHEEL VEHICLE

Title (de)  
BESTIMMUNG VON DYNAMISCHEN ACHSFASTEN UND/ODER RADLASTEN EINES RADFAHRZEUGES

Title (fr)  
DETERMINATION DES CHARGES DYNAMIQUES S'EXERCANT AU NIVEAU DES ESSIEUX ET/OU DES ROUES D'UN VEHICULE A ROUES

Publication  
**EP 1692025 A1 20060823 (DE)**

Application  
**EP 04820067 A 20041124**

Priority

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- DE 10358335 A 20031212

Abstract (en)  
[origin: DE10358335B3] The arrangement has a measurement device (1) mounted in or for mounting in the vehicle (20) for measuring at least two mutually perpendicular linear accelerations of the vehicle and three rotation rates about orthogonal coordinate axes and an evaluation device (9) combined with the measurement device for using the linear accelerations and rotation rates to determine at least one axle load and/or wheel load. An independent claim is also included for a method of determining dynamic axle loads and/or dynamic wheel loads of wheeled vehicle.

IPC 8 full level  
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