

Title (en)
SYSTEM AND DEVICE FOR MEASURING THE ROTATIONAL SPEED OF A MOTOR VEHICLE WHEEL WITH INTEGRATED ACCELERATION SENSOR

Title (de)
SYSTEM UND VERFAHREN ZUR MESSUNG DER DREHZAHL EINES KRAFTFAHRZEUGRADES MIT INTEGRIERTEM BESCHLEUNIGUNGSMESSER

Title (fr)
SYSTEME ET DISPOSITIF DE MESURE DE LA VITESSE DE ROTATION D'UNE ROUE DE VEHICULE AUTOMOBILE AVEC CAPTEUR D ACCELERATION INTEGRE

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Abstract (en)
[origin: WO2007031673A1] The invention concerns a device for measuring the rotational speed of a vehicle wheel, comprising a housing (22), a printed circuit board (32) accommodated in the housing and an encoder cell (38) mounted on the printed circuit board and adapted to measure electromagnetic field variations . The device comprises at least one accelerometer (44; 46) mounted on the printed circuit board (32) for measuring an acceleration along a first predetermined axis. The accelerometer may be mounted inclined relative to the plane of the printed circuit board.

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