

Title (en)

INSTRUMENTED ROLLER BEARING, IN PARTICULAR FOR CONTROL WHEEL

Title (de)

INSTRUMENTIERTE LAGERVORRICHTUNG, INSbesondere FÜR EIN STEUERRAD

Title (fr)

DISPOSITIF DE PALIER A ROULEMENT INSTRUMENTE, NOTAMMENT POUR VOLANT DE COMMANDE

Publication

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Application

EP 01965380 A 20010905

Priority

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Abstract (en)

[origin: WO0221006A1] The invention concerns an instrumented roller bearing, in particular for an electrical steering wheel (12), comprising an outer component (1) and an inner component (6) whereof one is mobile in rotation relative to the other which is fixed, through at least a row of rolling elements (14) arranged between said components, and means for detecting (22, 23, 31) the rotating parameters of the rotary component. The invention is characterised in that it further comprises electronic means (34) for processing signals emitted by the detecting means and electronic means (35) for controlling at least an actuator electrically connected to the device, advantageously arranged on a printed circuit wafer (33) fixed in rotation.

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