

Title (en)

MEASUREMENT DEVICE AND METHOD FOR DETECTING A TRACK GEOMETRY

Title (de)

MESSVORRICHTUNG UND VERFAHREN ZUM ERFASSEN EINER GLEISGEOMETRIE

Title (fr)

APPAREIL DE MESURE ET PROCÉDÉ POUR ACQUÉRIR UNE GÉOMÉTRIE DE VOIE

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Application

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Abstract (en)

[origin: WO2018114252A1] The invention relates to a measurement device (13) for detecting a track geometry of a track (5) directly after processing the track (5) with a track construction machine (1), wherein the measurement device comprises wheel axles (16) for travelling on the track (5), connection elements (15) for securing to the track construction machine (1), and a data interface (41) for data exchange with the track construction machine (1). The measurement device (13) also comprises a device frame (22) on which an inertial measurement unit (14) is arranged, wherein a front wheel axle (16) and a rear wheel axle (16) are mounted on the device frame (22) such that they can rotate relative to one another about an axis of rotation (21) running orthogonal to the wheel axles (16).

IPC 8 full level

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