

Title (en)

METHOD AND DEVICE FOR MEASURING A TORQUE EXERTED ON A PART SUBJECTED TO TORQUE AND BENDING LOADS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR MESSUNG DES DREHMOMENTS EINES MIT DREH- UND BIEGEMOMENTEN BEAUFSCHLAGTEN BAUTEILS

Title (fr)

PROCEDE ET DISPOSITIF DE MESURE D'UN COUPLE EXERCE SUR UNE PIECE SOUMISE A DES EFFORTS DE COUPLE ET DE FLEXION

Publication

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Application

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Abstract (en)

[origin: FR2791133A1] The invention concerns a method and a device for measuring a torque. The measuring method is characterised in that it consists in fixing on said part (1) at least two identical sensors (2) for measuring deformation, directly mounted between two separate anchoring points (A, B) and positioned on two curves (a) of the part (1) sloping at an angle alpha relative to the part (1) axis. Said sensors are designed to deliver electric signals based on modifications in distance between their respective anchoring points generated by said deformation.

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G01L 3/10

IPC 8 full level

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