

Title (en)

A unit for measurement of overturning moment of a heavy working machine, especially a crane.

Title (de)

Einrichtung zur Messung des Kippmoments einer schweren Baumaschine, insbesondere eines Krans.

Title (fr)

Dispositif de mesure du moment de renversement d'une machine de chantier lourde, particulièrement d'une grue.

Publication

EP 0186860 A2 19860709 (EN)

Application

EP 85116175 A 19851218

Priority

PL 25109684 A 19841219

Abstract (en)

The invention solves the problem of a simple unit for determination of overturning moment of a heavy working machine, especially a crane, by utilization of elastic strain of separable connections. The unit has an indicator (1) connected with a measuring instrument serving for determination of a total force R. The indicator (1) is situated perpendicularly to the rotation plane of the crane and lies in the vertical plane of symmetry of the jib and is set at a constant distance of about $a/2$ from the axis of rotation of the crane, that is, in the vicinity of rolling elements of the bearing (2).

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