

Title (en)

PRECISION CLAMP, AND METHOD FOR CLAMPING THYRISTORS AND SIMILAR ELECTRONIC POWER COMPONENTS

Title (de)

PRÄZISIONS-SPANNVORRICHTUNG UND VERFAHREN ZUM EINSpanNEN VON THYRISTOREN MIT ELEKTRONISCHEN ANALOGEN HOCHLEISTUNGSBAUTEILEN

Title (fr)

BRIDE DE SERRAGE DE PRECISION, ET PROCEDE DE SERRAGE, DE THYRISTORS ET COMPOSANTS ELECTRONIQUES DE PUISSANCE ANALOGUES

Publication

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Application

EP 96913585 A 19960412

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Abstract (en)

[origin: WO9634518A1] The invention provides a clamp (20) which has an additional elastic function and therefore contributes to measuring the clamping force but without mechanical interference, in cooperation with a head having a simplified structure. This arrangement makes possible the integration of a precision sensor (16), particularly for measuring an electrical quantity, providing for a direct measurement, and provides for the clamping of any component requiring a defined clamping force. Said clamp is characterized by a very high and reproducible clamping precision (precision of about +/- 1 %), and clamping capabilities in an extended range of forces with a single clamp (or a single "U" clamp device) without new calibration.

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