

Title (en)

DEVICE FOR CONTROLLING WORKING STRESSES OF ELONGATED MEMBERS, IN PARTICULAR SAFETY BELTS AND CONTROL METHOD

Title (de)

VORRICHTUNG ZUR STEUERUNG DER SICHERHEITSSPANNUNG VON LÄNGLICHEN GEGENSTÄNDEN, INSBESONDERE SICHERHEITSGURTEN UND STEUERVERFAHREN

Title (fr)

CONTRÔLEUR DE FORCES DE TENSION D'ORGANES ALLONGES, NOTAMMENT DE CEINTURES DE SECURITE, ET PROCEDE DE CONTRÔLE

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Application

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Abstract (en)

[origin: WO2005121734A1] The invention concerns a device for controlling forces. It concerns a controlling device comprising a body defining a non rectilinear path for passing a strap (18) between two support members (14) arranged on one first side and a support member (16) arranged on the second side, and provided with a sensor of forces experienced during an impact test, each support member (14) being separable from the body. An additional support member geometrically interchangeable with a separable support member (14) is provided with a second force sensor having a measuring range covering the prior working stress of the strap, the controlling device having two different configurations depending on whether a separable member comprises the second force sensor or not. The invention is useful for testing safety belts during impact tests.

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