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(57) Abstract :

Sensor for measuring mechanical tensions in wires consisting of a metallic parallelepiped-shaped body (1), with a mechanical design (4) for extensometric gauges from which supporting and fixing elements (2, 2TM) stem from either one or both its faces, and which are provided with perimetric indentations. The supporting elements are three rods or rigid pivots arranged on the nodes of a tetractys pattern with respect to the longitudinal axis of the body, one of them (2) being in an extremal position, mobile, retractile by shift both forwards and backwards in order to allow for it to be brought back to its forward operating position. On the rear face, it is endowed with an isolated surface portion (6), limited by lowered fringes (7a, 7b) allowing the engagement of a wrench (8), either adjustable or not, with which to exert a levering action. Furthermore, it provides a protecting case (9), adaptable and fixable by pressure to the body (1) of the sensor.

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