

Title (en)
DEVICE INDICATING THE LOOSENING OF A NUT

Title (de)
VORRICHTUNG ZUR ANZEIGE DES LÖSENS EINER MUTTER

Title (fr)
DISPOSITIF INDICATEUR DE DESSERRAGE D'ECROU

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EP 3529502 A1 20190828 (FR)

Application
EP 17780125 A 20171009

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• FR 1660076 A 20161018
• EP 2017075686 W 20171009

Abstract (en)
[origin: CA3038899A1] The invention relates to a device indicating the loosening (1) of a rotary element (2) of a screw-and-nut system, said rotary element being intended for being screwed by a rotation movement about a longitudinal direction (D), said rotary element comprising a portion with a polygonal cross-section in a plane normal to the longitudinal direction, said portion with polygonal cross-section defining a plurality of planar surfaces (21, 22, 23, 24, 25, 26), said indicator device comprising a body (3) intended for being mounted on the rotary element, a marking element (4) extending radially, rigidly connected to the body so as to indicate the angular position of the rotary element, and at least one spring (31, 32, 33, 34, 35, 36) rigidly connected to the body so that, when the body is mounted on the portion with polygonal cross-section, each spring exerts a radial bearing force on a corresponding planar surface of the rotary element.

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F16B 37/14 (2013.01 - EP KR US); **F16B 2200/95** (2023.08 - EP KR US)

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