

Title (en)

DEVICE FOR DISPLAYING THE CORRECT TIGHTENING FORCE FOR A NUT MOUNTED ON A THREADED ROD

Title (de)

VORRICHTUNG ZUR ANZEIGE DER RICHTIGEN FESTZIEHKRAFT FÜR EINE AUF EINER GEWINDESTANGE ANGEBRACHTEN MUTTER

Title (fr)

DISPOSITIF DE VISUALISATION DU BON EFFORT DE SERRAGE D'UN ECROU MONTE SUR UNE TIGE FILETEE

Publication

**EP 2013492 A1 20090114 (FR)**

Application

**EP 06743725 A 20060419**

Priority

FR 2006000906 W 20060419

Abstract (en)

[origin: WO2007118941A1] Device (1) for displaying the correct tightening force for a nut (7) designed to join together two parts (2, 3) of a structure (4), by being screwed onto a threaded rod (60), the assembly being formed by, for example, a threaded fastening system (5) consisting of a bolt (6), a nut (7), at least one nondeformable washer and a display washer consisting of an elastically deformable material such as a synthetic rubber, a natural rubber, an elastomer or a polyurethane plastic, said device being characterized in that at least one of the nondeformable washers comprises on its inside face a projection (103), the inside face (101) of which is designed, following tightening, to bear against the inside face of another washer or against the part to be assembled and in that the deformable washer when compressed projects peripherally, forming an indicator of correct tightening.

IPC 8 full level

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CPC (source: EP US)

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Designated extension state (EPC)

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