

Title (en)

ELECTRIC CONTACTOR FOR MONITORING A BOLT SCREWED IN A THREAD OR A YIELDING MATERIAL

Publication

**EP 0195102 B1 19890628 (DE)**

Application

**EP 85103249 A 19850320**

Priority

EP 85103249 A 19850320

Abstract (en)

[origin: US4713506A] An electrical contact making arrangement for monitoring the condition of a screw screwed in a screwthread or other material receiving same comprises contacts connected to a suitable alarm or warning circuit, and a bridging contact which makes or breaks a connection between the contacts to close or open the circuit when the screw is turned out of a reference set position thereof. The bridging contact is arranged on the shank of the screw, being electrically insulated at least with respect to the head of the screw, and extends peripherally over a given angle so that the circuit is opened or closed at a slight angle of rotary movement when the screw is turned out of the reference position thereof.

IPC 1-7

**G08B 13/14**

IPC 8 full level

**G08B 13/14** (2006.01); **G08B 13/22** (2006.01); **G08B 29/04** (2006.01)

CPC (source: EP US)

**G08B 13/149** (2013.01 - EP US); **G08B 13/22** (2013.01 - EP US); **G08B 29/046** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

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**EP 0195102 A1 19860924**; **EP 0195102 B1 19890628**; AT E44324 T1 19890715; DE 3571284 D1 19890803; US 4713506 A 19871215

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**EP 85103249 A 19850320**; AT 85103249 T 19850320; DE 3571284 T 19850320; US 84073986 A 19860318