

Title (en)

Method and electronic accessory for angular fastening of a nut or bolt

Title (de)

Methode und elektronisches Anbauteil zum Anziehen einer Mutter oder einer Schraube um einen Drehwinkel

Title (fr)

Méthode et dispositif électronique de serrage d'un écrou ou d'une vis selon un angle de serrage

Publication

EP 2147751 A1 20100127 (EN)

Application

EP 09166084 A 20090722

Priority

IT MI20081338 A 20080723

Abstract (en)

Electronic accessory (10) for angular fastening of a nut and/or bolt by means of a wrench comprising a lower portion (12) for coupling with said nut or bolt, an upper portion (11) for coupling with said wrench, said lower and upper portions being aligned along an axis (A), an electronic sensor being further provided for measuring the rotation of said lower and upper portions around said axis (A), electronic means for setting a preset rotation angle and signalling electronic means of the visual and/or sound and/or touch type, for reaching said preset rotation angle during the rotation of said lower and upper portions (11, 12) around said axis (A).

IPC 8 full level

B25B 23/142 (2006.01)

CPC (source: EP)

B25B 23/1425 (2013.01)

Citation (search report)

- [X] US 2003065456 A1 20030403 - MCGEE PHILLIP [US], et al
- [X] DE 19581468 T1 19970102 - SNAP ON TOOLS CORP [US]

Cited by

EP2394792A1; CN112824827A; US8886492B2; US8918292B2

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