

Title (en)
SCREWING DEVICE WITH TORQUE DETECTION

Publication
EP 0042548 B1 19840215 (DE)

Application
EP 81104499 A 19810611

Priority
DE 3023005 A 19800620

Abstract (en)
[origin: US4418590A] The screw assembly comprises a drive unit whose output shaft (14) can be connected with a button die to be applied to a screw head. To prevent the casing (10) of the drive unit from rotating, it is fitted with a retainer (24) which is placed against a solid abutment. The retainer (24) has a ring (23) enclosing the output shaft and being connected via a torsionally elastic element (16) with the casing (10). Torsional deformation of the torsionally elastic element (16) is used as a measure for the torque acting on the screw head. (FIG. 1).

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IPC 8 full level
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B25B 23/14 (2013.01 - EP US); **B25B 23/1456** (2013.01 - EP US)

Cited by
EP0092736A1; CN101934514A; DE4307131A1; DE102015103903A1; DE102015103903B4

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