

Title (en)
SCREW DRIVING DEVICE

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Application
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Priority
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Abstract (en)
[origin: US4648282A] A power screwdriver or nutsetter has an output shaft provided with a torque measuring transducer and a shaft rotation angle transducer mounted thereon. Tool output torque or final turning of a screw or nut can be measured directly and transmitted to a control unit through a shaft mounted slipping assembly. In one embodiment a bevel gear drive is connected to the output shaft and a force measuring transducer is mounted between the shaft and the tool housing for measuring gear reaction forces corresponding to tool output torque.

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IPC 8 full level
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B25B 23/1456 (2013.01 - EP US); **B25B 23/147** (2013.01 - EP US)

Cited by
WO2008087007A1; CN112020408A; EP0422546A3; ITMI20110286A1; EP3388199A1; CN110446586A; RU2743181C1; AU2018251664B2; US11400567B2; US11292111B2; WO9627481A1; WO2018188829A1; WO2012114361A1; US8040130B2; WO2019206609A1; WO2018146092A1

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