

Title (en)
SCREW DRIVING TOOL

Title (de)
WERKZEUG ZUM FESTZIEHEN VON SCHRAUBEN

Title (fr)
OUTIL D'ENTRAÎNEMENT DE VIS

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Application
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Abstract (en)
The invention relates to a screw driving tool (1), comprising a socket (2) for driving a nut (10), the socket (2), having a cavity (6) for receiving the nut (10), and a screw driver protrusion (28) arranged coaxially within the socket (2) and protruding into the cavity (6) towards an opening of the cavity (6), the screw driver protrusion (28) being coupled in a rotationally rigid manner to the socket (2), and the socket (2) and the screw driver protrusion (28) being at least one of a different drive type and different drive side. Furthermore, the invention relates to the use of a screw driving tool (1) and a method for installing a connection pin (56). In order to install a connection pin (56), it must be ensured that a nut (10) for securing the connection pin (56) does not unwind. With the inventive screw driving tool (1) and method for installing the connection pin (56), unwinding of the nut (10) is prevented and the relative position between the nut (10) and the connection pin (56) is kept constant. Thus, an easy and quick installation is achieved without the need for excessive tool changes.

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Citation (search report)
• [XYI] GB 2132528 A 19840711 - CHANG CHUNG HSING
• [Y] US 6779423 B2 20040824 - HAMMONS GARY [US], et al
• [XI] WO 2013154437 A1 20131017 - BULL PETER R [NZ]
• [XI] US 3452373 A 19690701 - VOSBIKIAN JAMES T, et al
• [XI] US 2009151519 A1 20090618 - MONYEM SYLVANUS I [US]
• [XI] US 2016363157 A1 20161215 - SOBOTTA THOMAS [DE]

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