

Title (en)

EQUIPMENT FOR PLACING A PIN BUSHING, AND KIT INCLUDING SAME

Title (de)

WERZEUG ZUM ANBRINGEN VON DRAHTGEWINDEEINSÄTZEN MIT VERRIEGELUNGSKEIL UND KIT MIT DIESEM WERKZEUG

Title (fr)

OUTILLAGE DE MISE EN PLACE DE DOUILLE A CLAVETTE ET KIT COMPRENANT CELUI-CI

Publication

**EP 2285534 A1 20110223 (FR)**

Application

**EP 09761911 A 20090518**

Priority

- FR 2009050922 W 20090518
- FR 0853212 A 20080519

Abstract (en)

[origin: WO2009150360A1] In order to place a bushing (300) with a pin (320), the equipment of the invention can be mounted on a screwing tool (100) and connected to a pneumatic supply. The equipment comprises a screwing-torque transmission device (14, 52) for screwing the bushing and, within a casing (12), a pin hammering device (16) for crimping the pin onto the bushing when a crimping pressure is applied thereto by the pneumatic supply. The hammering device (16) comprises a plurality of plates (18A, 18B, 18C) substantially perpendicular to the screwing axis. The crimping pressure violently applied on the plates inside the casing (12) drives the pin hammering device and results in the crimping thereof. The equipment does not include mobile mechanical parts and has a high reliability. The invention also relates to a kit including this type of equipment with a screwing tool.

IPC 8 full level

**B25B 27/14** (2006.01)

CPC (source: EP US)

**B25B 27/143** (2013.01 - EP US); **Y10T 279/3406** (2015.01 - EP US)

Citation (search report)

See references of WO 2009150360A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**FR 2931091 A1 20091120; FR 2931091 B1 20100611**; BR PI0913113 B1 20200602; CA 2724748 A1 20091217; CA 2724748 C 20160126; CN 102036786 A 20110427; CN 102036786 B 20130213; EP 2285534 A1 20110223; EP 2285534 B1 20170705; JP 2011520636 A 20110721; RU 2010151974 A 20120627; RU 2518650 C2 20140610; US 2011148051 A1 20110623; WO 2009150360 A1 20091217

DOCDB simple family (application)

**FR 0853212 A 20080519**; BR PI0913113 A 20090518; CA 2724748 A 20090518; CN 200980118192 A 20090518; EP 09761911 A 20090518; FR 2009050922 W 20090518; JP 2011510027 A 20090518; RU 2010151974 A 20090518; US 99363209 A 20090518