

Title (en)

PRESS TOOL COMPRISING A SPINDLE FOR MOULDING COUPLING ELEMENTS

Title (de)

PRESSWERKZEUG MIT SPINDEL FÜR DIE VERPRESSUNG VON KUPPLUNGSELEMENTEN

Title (fr)

OUTIL DE MOULAGE PAR COMPRESSION DOTE D'UNE BROCHE DESTINEE A LA COMPRESSION D'ELEMENTS DE COUPLAGE

Publication

EP 1397231 A1 20040317 (DE)

Application

EP 02732298 A 20020604

Priority

- CH 0200291 W 20020604
- CH 11142001 A 20010619

Abstract (en)

[origin: US7036806B2] An electrically driven press tool that is compact, reliable and cost-effective. There is a press tool in which a crimping tool is retained in a recess by a bolt. An electromotor drives a spindle, which interacts with the crimping tool, by a reducing gear. The spindle is connected to a shaft by a pressure flange. The bearing pressure, which acts on the spindle, is brought to bear on a pressure ring by a pressure flange and a pressure bearing, the ring acting directly or indirectly on a force or pressure sensor. When a predetermine set value of the crimping is reached, the sensor forwards a switching signal to the controller of the drive motor.

IPC 1-7

B25B 27/10; B21D 39/04

IPC 8 full level

B21D 39/04 (2006.01); **B25B 27/10** (2006.01); **H01R 43/042** (2006.01)

CPC (source: EP US)

B21D 39/048 (2013.01 - EP US); **B25B 27/10** (2013.01 - EP US); **H01R 43/0428** (2013.01 - EP US)

Cited by

EP2286936A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 02102555 A1 20021227; AT E357313 T1 20070415; CN 1262395 C 20060705; CN 1516638 A 20040728; DE 50209777 D1 20070503; EP 1397231 A1 20040317; EP 1397231 B1 20070321; ES 2283556 T3 20071101; US 2004144146 A1 20040729; US 7036806 B2 20060502

DOCDB simple family (application)

CH 0200291 W 20020604; AT 02732298 T 20020604; CN 02812055 A 20020604; DE 50209777 T 20020604; EP 02732298 A 20020604; ES 02732298 T 20020604; US 47776903 A 20031114