

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

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Application

**EP 02732298 A 20020604**

Priority

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- CH 11142001 A 20010619

Abstract (en)

[origin: WO02102555A1] The aim of the invention is to configure an electrically driven press tool in as compact, reliable and cost-effective a manner as possible. To achieve this, the invention provides a press tool, in which a crimping tool (4) is retained in a recess (3) by a bolt (5). An electromotor (10) drives a spindle (14), which interacts with the crimping tool (4), by means of a reducing gear (11). The spindle (14) is connected to a shaft (13) by means of a pressure flange (17). The bearing pressure, which acts on the spindle (14), is brought to bear on a pressure ring (27) by means of a pressure flange (17) and a pressure bearing (18), said ring acting directly or indirectly on a force or pressure sensor (25). When a predetermined set value of the crimping force has been reached, the sensor forwards a switching signal (S) to the controller (22) of the drive motor (10).

IPC 8 full level

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CPC (source: EP US)

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