

Title (en)

Machine tool with driving means for the tool

Title (de)

Werkzeugmaschine mit Werkzeug-Hubantrieb

Title (fr)

Machine-outil avec un dispositif d'actionnement de l'outil

Publication

**EP 1502673 B1 20060426 (DE)**

Application

**EP 03017009 A 20030726**

Priority

EP 03017009 A 20030726

Abstract (en)

[origin: EP1502673A1] The stamping matrix (7) may move up and down and is held on a hollow support member (27) with an adjustment motor (29). A torque motor (24) is positioned under the adjustment motor. It has a rotor (26) driving a hollow threaded spindle (19) driving a lifting nut (20) to move the stamping matrix. The system includes a form fitting for the support member.

IPC 8 full level

**B21D 28/20** (2006.01)

CPC (source: EP US)

**B21D 28/20** (2013.01 - EP US); **Y10T 29/49995** (2015.01 - EP US); **Y10T 83/04** (2015.04 - EP US); **Y10T 83/8745** (2015.04 - EP US); **Y10T 83/8835** (2015.04 - EP US); **Y10T 83/9423** (2015.04 - EP US); **Y10T 83/9476** (2015.04 - EP US)

Cited by

EP1974835A1; DE102014209393A1; EP1839768A1; DE102006014705B3; CN109513800A; DE102014209393B4; US10245633B2

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DOCDB simple family (publication)

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