

Title (en)

Tool system with exchangeable tool inserts for punching machines

Title (de)

Werkzeugsystem mit auswechselbaren Werkzeugeinsätzen für Stanzmaschinen

Title (fr)

Système d'outil doté d'ensembles d'outils pouvant être remplacés pour machines de poinçonnage

Publication

**EP 2764933 B1 20161005 (DE)**

Application

**EP 14167224 A 20081210**

Priority

- EP 14167224 A 20081210
- EP 08021443 A 20081210

Abstract (en)

[origin: EP2196270A1] The adapter (1) has a mounting device for accommodating the stamp adapter in a stamp shaft. A stamp receptacle (6) includes an opening with a central axis (8) extending parallel to and separate from another central axis (2). A circular cylindrical counterbore and a circular cylindrical through-hole (7) through which the former central axis extends are provided. The counterbore is not rotationally symmetrical with respect to the former central axis. The counterbore comprises radial orientated cylindrical recesses that are not rotationally symmetrical with respect to the former central axis. An independent claim is also included for a tool system with a tool lower portion comprising a die adapter having two die receptacles.

IPC 8 full level

**B21D 28/12** (2006.01); **B21D 28/34** (2006.01)

CPC (source: EP US)

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DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 08021443 A 20081210**; EP 14167224 A 20081210; US 201314048697 A 20131008; US 63527909 A 20091210