Title (en)
Tool for a sheet punch press and embossing machine

Title (de)
Werkzeug für eine Bogenstanz- und -prägemaschine

Title (fr)
Outil pour une presse de découpage et de cannelage

Publication
**EP 2351634 A3 20111228 (DE)**

Application
**EP 11159266 A 20091218**

Priority
- EP 09180001 A 20091218
- DE 102008062728 A 20081218
- DE 202009008757 U 20090624

Abstract (en)
[origin: EP2199043A2] The tool has a flat tool frame (2) comprising four rectangular joined frame beams (3), and a plate element i.e. heating plate (1), arranged in the tool frame. The plate element is fastened with fastening units. Outer edges of the two parallel frame beams form outer edges of the tool. The plate element acts as a supporting plate comprising punching blades and embossing plates. Clamping strips are arranged at different positions within the tool frame in a detachable manner. The plate elements are clamped between the clamp strips at arbitrary positions.

IPC 8 full level
**B26D 7/26** (2006.01); **B26D 7/10** (2006.01); **B26F 1/44** (2006.01); **B41F 19/06** (2006.01); **B44C 1/17** (2006.01)

CPC (source: EP)
**B26D 7/10** (2013.01); **B26D 7/2614** (2013.01); **B26F 1/44** (2013.01); **B44B 5/02** (2013.01); B26D 7/00 (2013.01); B26D 2007/2607 (2013.01); B26F 1/40 (2013.01); B26F 2001/4418 (2013.01); B26F 2001/4463 (2013.01); B31B 50/20 (2017.07); B31B 50/88 (2017.07); B31F 2201/0702 (2013.01)

Citation (search report)
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- [A] DE 19516073 A1 19961107 - WUPA MASCHINEN & SERVICE GMBH [DE]
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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 SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
**DE 202009008757 U1 20091008**; EP 2199043 A2 20100623; EP 2199043 A3 20100922; EP 2351634 A2 20110803; EP 2351634 A3 20111228; EP 2351634 B1 20130403

DOCDB simple family (application)
**DE 202009008757 U 20090624**; EP 09180001 A 20091218; EP 11159266 A 20091218