

Title (en)

Hydraulic pressing device, in particular for binding workpieces

Title (de)

Hydraulisches Pressgerät, insbesondere zum Verbinden von Werkstücken

Title (fr)

Appareil de presse hydraulique, en particulier pour relier des pièces à usiner

Publication

EP 2014419 A3 20100721 (DE)

Application

EP 08012091 A 20080704

Priority

DE 202007009629 U 20070710

Abstract (en)

[origin: EP2014419A2] The device has a pressing tool moved from a rest position against force of a return spring into an operating position by pressure in a piston cylinder unit containing a hydraulic medium. The pressing tool is moved back into the rest position under the effect of the spring based on activation of a return valve (9) for the hydraulic medium. The return valve is coupled with a shaft in such a manner that the activation of the return valve takes place by a rotation of the shaft against its drive direction for operating a conveying unit for the pressure medium.

IPC 8 full level

B25B 27/10 (2006.01)

CPC (source: EP)

B25B 27/10 (2013.01)

Citation (search report)

- [AD] DE 29824642 U1 20020110 - KLAUKE GMBH GUSTAV [DE]
- [A] DE 19946380 A1 20000406 - VON ARX AG SISSACH [CH]
- [A] DE 20317913 U1 20040212 - NOVOPRESS GMBH [DE]

Cited by

EP3650176A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

DE 202007009629 U1 20071011; EP 2014419 A2 20090114; EP 2014419 A3 20100721; EP 2014419 B1 20120912; PL 2014419 T3 20130329

DOCDB simple family (application)

DE 202007009629 U 20070710; EP 08012091 A 20080704; PL 08012091 T 20080704