

Title (en)

Press for producing pressure for processing a workpiece

Title (de)

Presse zum Erzeugen einer Druckkraft für die Bearbeitung eines Werkstückes

Title (fr)

Presse destinée à produire une force de pression pour le traitement d'une pièce

Publication

EP 2329944 A3 20130918 (DE)

Application

EP 10014816 A 20101122

Priority

AT 19142009 A 20091203

Abstract (en)

[origin: EP2329944A2] The press (1) has a press frame (12), and a drive designed as a linear-electric motor (20) and driving a plunger, where the motor is integrated in a press table (10). The electric motor has multiple magnetic positive or negative poles that are arranged and shifted to each other. The poles are formed by coils extending around an axis. The coils are axially arranged and shifted to each other with respect to the axis. A drive shaft of the electric motor extends in a direction of the axis and is linearly adjustable in the direction of the axis by the coils of the poles.

IPC 8 full level

B21J 7/30 (2006.01); **B26D 5/08** (2006.01); **B30B 1/10** (2006.01); **B30B 1/42** (2006.01)

CPC (source: EP)

B21J 9/10 (2013.01); **B26D 5/086** (2013.01); **B26F 1/40** (2013.01); **B30B 1/10** (2013.01); **B30B 1/42** (2013.01)

Citation (search report)

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- [X] EP 1892082 A2 20080227 - MURATA MACHINERY LTD [JP]
- [X] JP 2001352747 A 20011221 - AIDA ENG LTD
- [X] US 2003164099 A1 20030904 - SANO SADA O [JP]
- [X] JP S5985329 A 19840517 - AMADA CO LTD
- [A] EP 1906514 A2 20080402 - MURATA MACHINERY LTD [JP], et al

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CN105107924A; CN102886563A; CN108787972A; GB2498915A; GB2498915B; US9821387B2; WO2013034782A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 10014816 A 20101122; AT 19142009 A 20091203; EA 201001743 A 20101202; ES 10014816 T 20101122; HU E10014816 A 20101122; PL 10014816 T 20101122; SI 201031294 A 20101122; UA A201014452 A 20101202