

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
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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)

**EP 2329944 A2 20110608**; **EP 2329944 A3 20130918**; **EP 2329944 B1 20160831**; AT 509090 A1 20110615; AT 509090 B1 20140315; EA 023188 B1 20160531; EA 201001743 A1 20110630; ES 2603981 T3 20170302; HU E030662 T2 20170529; PL 2329944 T3 20170228; SI 2329944 T1 20170228; UA 108189 C2 20150410

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