

Title (en)

FORCE MODULE AND MODULAR PRESS SYSTEM

Title (de)

KRAFTMODUL UND MODULARES PRESSENSYSTEM

Title (fr)

MODULE DE FORCE ET SYSTÈME DE PRESSAGE MODULAIRE

Publication

**EP 3024646 A1 20160601 (DE)**

Application

**EP 13740281 A 20130723**

Priority

EP 2013065531 W 20130723

Abstract (en)

[origin: WO2015010724A1] The present invention relates to a force module (10) for processing workpieces, comprising: a supporting frame (12), which has at least one connecting element (26, 28) in order to fix the force module (10); a pressure element (14; 60), which is mounted such that it can move relative to the supporting frame (12) and forms a part of a ram for processing the workpieces; a drive unit (24; 46, 48; 50; 56; 62), which is mechanically connected to the pressure element (14; 60) and to a bearing section of the supporting frame in such a manner that a force can be exerted by the drive unit on the pressure element (14; 60) in order to move the pressure element relative to the supporting frame (12) to process the workpieces; wherein the supporting frame (12) has in an outer circumferential face an opening (18), through which the pressure element (14; 60) can be moved by the driving force of the drive unit (24; 46, 48; 50; 56; 62) in order to process the workpieces by means of the driving force.

IPC 8 full level

**B30B 1/10** (2006.01); **B23Q 1/01** (2006.01); **B30B 1/16** (2006.01); **B30B 15/04** (2006.01)

CPC (source: EP)

**B30B 1/10** (2013.01); **B30B 1/16** (2013.01); **B30B 15/0058** (2013.01); **B30B 15/026** (2013.01); **B30B 15/04** (2013.01); **B30B 15/044** (2013.01); **B30B 15/048** (2013.01)

Citation (search report)

See references of WO 2015010724A1

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)

**WO 2015010724 A1 20150129**; EP 3024646 A1 20160601; EP 3024646 B1 20220525

DOCDB simple family (application)

**EP 2013065531 W 20130723**; EP 13740281 A 20130723