

Title (en)
PRESS TABLE OR PRESS BEAM HAVING ADJUSTABLE BEAM ELEMENT

Title (de)
PRESSTISCH ODER PRESSBALKEN MIT VERSTELLBAREM BALKENELEMENT

Title (fr)
TABLE DE PRESSE OU POUTRE DE PRESSE PRÉSENTANT UN ÉLÉMENT POUTRE RÉGLABLE

Publication
EP 2812135 B1 20161221 (DE)

Application
EP 13713067 A 20130208

Priority
• AT 1752012 A 20120210
• AT 2013050032 W 20130208

Abstract (en)
[origin: WO2013116888A1] The invention relates to a press table (3) or press beam (4) for a press brake (1), comprising a beam element (17) having an elongate support surface (18) for attaching a bending tool (19) or tool adapter, a support beam element (24) having approximately the same length (39) as the beam element (17), connecting elements (26) with which connecting points (25) on the beam element (17) are connected, with respect to the length thereof (39), in particular symmetrically to the support beam element (24), at least one actuator (30) which acts between mutually facing pressure surfaces (28, 29) on the beam element (17) and on the support beam element (24) and which can exert an adjusting force (32) that runs approximately in the pressing direction (31) of the press brake (1) and as a result the support surface (18) of the beam element (17) is actively adjustable between a planar profile and a convex profile. In this case, the actuator (30) comprises a hose arrangement (33) which is arranged between the mutually facing pressure surfaces (28, 29), rests against the latter and is fillable with hydraulic fluid (34), said hose arrangement extending substantially in the longitudinal direction of the beam element (17).

IPC 8 full level
B21D 5/02 (2006.01); **B30B 15/00** (2006.01); **B30B 15/04** (2006.01); **B30B 15/24** (2006.01)

CPC (source: EP US)
B21D 5/0272 (2013.01 - EP US); **B30B 15/007** (2013.01 - EP US); **B30B 15/044** (2013.01 - US); **B30B 15/068** (2013.01 - EP US)

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

DOCDB simple family (publication)
WO 2013116888 A1 20130815; AT 512465 A1 20130815; AT 512465 B1 20140115; CN 104203445 A 20141210; CN 104203445 B 20161123; EP 2812135 A1 20141217; EP 2812135 B1 20161221; JP 2015506845 A 20150305; US 2015143866 A1 20150528; US 9381558 B2 20160705

DOCDB simple family (application)
AT 2013050032 W 20130208; AT 1752012 A 20120210; CN 201380019073 A 20130208; EP 13713067 A 20130208; JP 2014555896 A 20130208; US 201314377523 A 20130208