

Title (en)

BENDING PRESS HAVING SUPPORT BEARING DEVICE FOR DRIVE MEANS

Title (de)

BIEGEPRESSE MIT STÜTZLAGERVORRICHTUNG FÜR ANTRIEBSMITTEL

Title (fr)

PRESSE À CINTRER DOTÉE D'UN DISPOSITIF SUPPORT POUR UN MOYEN D'ENTRAÎNEMENT

Publication

EP 2362815 A2 20110907 (DE)

Application

EP 09756648 A 20091012

Priority

- AT 2009000397 W 20091012
- AT 16112008 A 20081015

Abstract (en)

[origin: WO2010042962A2] The invention relates to a bending press (1), particularly a press brake (2), for producing workpieces (3) by way of forming by bending between a bench beam (11), which is equipped with at least one bending tool (4) and fixed on the machine frame (5), and a pressure beam (14), which is equipped with at least one bending tool (4) and can be displaced relative to the bench beam (11) in linear guides (13) of the machine frame (5) by way of at least one drive means (19) attached to a support bearing device (25). The support bearing device (25) is formed by at least one assembly plate for at least one drive means (19). Said device forms an assembly ring for the drive means (19) provided in some regions with apertures or edge recesses surrounding the assembly ring and with pressure beams (14) in the weakened regions (38).

IPC 8 full level

B21D 5/02 (2006.01); **B30B 15/00** (2006.01); **B30B 15/04** (2006.01); **B30B 15/06** (2006.01)

CPC (source: EP US)

B21D 5/02 (2013.01 - EP US); **B21D 5/0272** (2013.01 - EP US); **B30B 15/007** (2013.01 - EP US)

Citation (search report)

See references of WO 2010042962A2

Cited by

WO2015081360A1; CN105934290A

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2010042962 A2 20100422; WO 2010042962 A3 20100610; AT 507412 A4 20100515; AT 507412 B1 20100515; EP 2362815 A2 20110907; EP 2362815 B1 20121212; ES 2398495 T3 20130319; JP 2012505755 A 20120308; JP 5592384 B2 20140917; US 2011252859 A1 20111020; US 8511132 B2 20130820

DOCDB simple family (application)

AT 2009000397 W 20091012; AT 16112008 A 20081015; EP 09756648 A 20091012; ES 09756648 T 20091012; JP 2011531297 A 20091012; US 99840309 A 20091012