

Title (en)
BENDING MACHINE

Title (de)
BIEGEMASCHINE

Title (fr)
PRESSE-PLIEUSE

Publication
EP 3365123 A1 20180829 (DE)

Application
EP 16788648 A 20161017

Priority
• AT 508972015 A 20151020
• EP 2016074870 W 20161017

Abstract (en)
[origin: WO2017067879A1] The invention relates to a bending press (3), in particular a press brake, comprising a machine frame (7) and pressing bars (13, 16), and tool holders (19, 20) and bending tools (4) arranged or formed on the pressing bars (13, 16) in the form of a bending punch (5) or a bending die (6), wherein a receiving portion (35) of the bending tools (4) is accommodated in a receiving groove (34) of the tool holder (19, 20). The tool holder (19, 20) and a driver device (41) assigned to the bending tool (4) are designed as a linear motor, as a result of which the bending tool (4) can be positioned in a direction (32) that is parallel to a bending edge (31).

IPC 8 full level
B21D 5/02 (2006.01); **B21D 37/14** (2006.01)

CPC (source: AT EP KR US)
B21D 5/0218 (2013.01 - US); **B21D 5/0254** (2013.01 - EP KR US); **B21D 37/14** (2013.01 - EP KR US); **B23Q 3/155** (2013.01 - AT); **B21D 19/12** (2013.01 - US)

Citation (search report)
See references of WO 2017067879A1

Cited by
CN111136136A

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 2017067879 A1 20170427; AT 517706 A4 20170415; AT 517706 B1 20170415; CN 108136469 A 20180608; EP 3365123 A1 20180829; JP 2018531155 A 20181025; JP 6856637 B2 20210407; KR 102554800 B1 20230713; KR 20180072728 A 20180629; US 2018304331 A1 20181025

DOCDB simple family (application)
EP 2016074870 W 20161017; AT 508972015 A 20151020; CN 201680061435 A 20161017; EP 16788648 A 20161017; JP 2018520183 A 20161017; KR 20187013634 A 20161017; US 201615769358 A 20161017