

Title (en)  
MANUFACTURING SYSTEM FOR MANUFACTURING WORKPIECES FROM SHEET METAL

Title (de)  
FERTIGUNGSANLAGE ZUR FERTIGUNG VON WERKSTÜCKEN AUS BLECH

Title (fr)  
INSTALLATION DE PRODUCTION POUR LA PRODUCTION DE PIÈCES EN TÔLE

Publication  
**EP 3365122 A1 20180829 (DE)**

Application  
**EP 16781462 A 20161014**

Priority  
• AT 508952015 A 20151020  
• EP 2016074694 W 20161014

Abstract (en)  
[origin: WO2017067850A1] The invention relates to a manufacturing system (1) for manufacturing workpieces (2) from sheet metal, comprising a bending machine (3) with a bending unit (35) and a bending tool (37) held on a tool carrier and comprising an adjusting device (44). The adjusting device (44) is used to move a working edge (42) of the bending tool (37) towards a curved or embossed longitudinal course and comprises a support element (45), an adjusting element (46), and an adjusting unit. The adjusting element (46) can be moved in the direction of the length of the working edge (42) both in a first adjusting direction as well as in a second adjusting direction oriented oppositely the first adjusting direction. During a movement in the first adjusting direction, the spacing of the working edge (42) in a central region (57) is less than the spacing in one of the two end regions (58, 59) of the bending tool (37), and during a movement in the second adjusting direction, the spacing in the central region (57) is greater than the spacing in one of the two end regions (58, 59).

IPC 8 full level  
**B21D 5/02** (2006.01); **B21D 5/04** (2006.01)

CPC (source: AT EP)  
**B21D 5/04** (2013.01 - EP); **B30B 15/007** (2013.01 - AT); **B21D 5/0272** (2013.01 - EP)

Citation (search report)  
See references of WO 2017067850A1

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 2017067850 A1 20170427**; AT 517888 A1 20170515; AT 517888 B1 20170915; EP 3365122 A1 20180829; EP 3365122 B1 20190731

DOCDB simple family (application)  
**EP 2016074694 W 20161014**; AT 508952015 A 20151020; EP 16781462 A 20161014