

Title (en)  
BENDING DEVICE AND METHOD FOR DETERMINING AT LEAST ONE MATERIAL PARAMETER AND/OR PROCESSING PARAMETER FOR A WORKPIECE-PROCESSING DEVICE

Title (de)  
BIEGEVORRICHTUNG UND VERFAHREN ZUR ERMITTLUNG ZUMINDEST EINES MATERIALPARAMETERS BZW. BEARBEITUNGSPARAMETERS FÜR EINE WERKSTÜCKBEARBEITUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE PLIAGE ET PROCÉDÉ POUR DÉTERMINER AU MOINS UN PARAMÈTRE DE MATÉRIAU OU UN PARAMÈTRE DE TRAITEMENT POUR UN DISPOSITIF DE TRAITEMENT DE PIÈCE À USINER

Publication  
**EP 3829792 A2 20210609 (DE)**

Application  
**EP 19759491 A 20190725**

Priority  
• AT 506582018 A 20180727  
• AT 2019060244 W 20190725

Abstract (en)  
[origin: WO2020019011A2] The invention relates to a method for determining at least one material parameter (19) and/or at least one processing parameter (20) and/or for selecting or creating a processing program for the control system (8) of a workpiece-processing device (10), preferably a bending machine, in particular a press brake or a folding machine, and/or a welding device, in particular a laser welding device, comprising the steps of: (a) removing a workpiece sample (2) of a sheet-like material, in particular sheet metal, preferably from a sheet metal piece (3) or from a charge (4) of sheet metal pieces (3), (b) carrying out at least one measurement on the workpiece sample (2), (c) determining at least one material parameter (19) and/or at least one processing parameter (20) and/or selecting or creating a processing program for the control system (8) of a workpiece-processing device (10) depending on the result of the at least one measurement on the workpiece sample (2), characterized by the step of (d) bending the workpiece sample (2) by means of a bending device (1), the at least one measurement being carried out on the workpiece sample (2) when the workpiece sample (2) is in at least one bent state.

IPC 8 full level  
**B21D 5/00** (2006.01); **G01N 3/20** (2006.01)

CPC (source: AT EP)  
**B21D 5/004** (2013.01 - AT EP); **B21D 5/02** (2013.01 - AT); **B23K 26/03** (2013.01 - EP); **B23K 26/21** (2015.10 - EP); **B23K 26/38** (2013.01 - EP); **B23K 31/12** (2013.01 - EP); **G01N 3/20** (2013.01 - EP)

Citation (search report)  
See references of WO 2020019011A2

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 2020019011 A2 20200130; WO 2020019011 A3 20200514**; AT 521529 A1 20200215; AT 521529 B1 20200415; CN 112512714 A 20210316; CN 112512714 B 20240109; EP 3829792 A2 20210609

DOCDB simple family (application)  
**AT 2019060244 W 20190725**; AT 506582018 A 20180727; CN 201980050261 A 20190725; EP 19759491 A 20190725