

Title (en)

METHOD FOR ESTABLISHING A SETUP PARAMETER VALUE FOR A BENDING PRESS

Title (de)

VERFAHREN ZUR FESTLEGUNG EINES EINSTELLPARAMETERWERTS EINER BIEGEPRESSE

Title (fr)

PROCÉDÉ DE DÉTERMINATION D'UNE VALEUR PARAMÉTRIQUE DE RÉGLAGE D'UNE PRESSE À CINTRER

Publication

EP 2134483 B1 20170802 (DE)

Application

EP 08714301 A 20080325

Priority

- AT 2008000104 W 20080325
- AT 4982007 A 20070330

Abstract (en)

[origin: WO2008119090A1] The invention relates to a method for establishing a setup parameter value (14) for a bending press (2), according to which at least one setup parameter value (14) for the bending press (2), particularly the immersion depth of a die (23) of the bending press (2), is established by a control device (3) from at least one characteristic (7) of a workpiece to be bent in a bending process and a specified value (10) for a target variable (11) on the bent workpiece (6), whereby a characteristic (7) is formed by the electromagnetic reaction of the workpiece (4) to an alternating electromagnetic field generated by an exciter unit (21) and penetrating the workpiece (4), said reaction being determined as a measured value (9) by eddy current measurement using a sensor unit (22). After partial or complete performance of the bending process, when the workpiece (6) is relieved of load, an actual value (16) of the target variable (11), particularly the bend angle (12), is measured and linked to the measured value (9) of the eddy current measurement and to the setup parameter value (14) in effect prior to relieving the load.

IPC 8 full level

B21D 5/00 (2006.01); **B21D 5/02** (2006.01)

CPC (source: EP)

B21D 5/004 (2013.01); **B21D 5/006** (2013.01); **B21D 5/02** (2013.01)

Cited by

WO2020019011A2

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008119090 A1 20081009; AT 505743 A1 20090315; AT 505743 B1 20090715; EP 2134483 A1 20091223; EP 2134483 B1 20170802

DOCDB simple family (application)

AT 2008000104 W 20080325; AT 4982007 A 20070330; EP 08714301 A 20080325