

Title (en)

Assembly with a bending press and a robot and method for producing a bent component

Title (de)

Anordnung mit einer Biegepresse und einem Roboter sowie Verfahren zur Herstellung eines Biegeteils

Title (fr)

Agencement comprenant une presse à plier et un robot ainsi que procédé de fabrication d'une pièce pliée

Publication

**EP 2724795 B1 20180502 (DE)**

Application

**EP 13190282 A 20131025**

Priority

AT 11552012 A 20121025

Abstract (en)

[origin: EP2724795A1] The method involves supplying the bending component (2) into the bending press (1) by using a gripper (40) of a robot (3) and bending the bending component by the actuation of the bending press. The thickness of the bending component is determined before bending the bending component by gripper. The pressing pressure and/or traverse path and/or parameter of the bending press are influenced based on the measurement value of the bending component thickness, such that a deviation between an actual bending angle and a target is reduced. An independent claim is included for bending press arrangement.

IPC 8 full level

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

CPC (source: EP)

**B21D 5/004** (2013.01); **B21D 5/0281** (2013.01)

Cited by

CN104942053A; CN104624739A; CN105689458A; CN105689455A; CN104942066A; CN104588439A; CN104942056A; CN113680871A; CN104942057A; CN104942073A; CN104942095A; CN104959417A; CN105598221A; CN104624726A; CN104942081A; CN104942091A; CN109622675A

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2724795 A1 20140430**; **EP 2724795 B1 20180502**; AT 512892 A4 20131215; AT 512892 B1 20131215

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