

Title (en)

Method and device for producing a bent component

Title (de)

Verfahren und Vorrichtung zur Herstellung eines Biegeteils

Title (fr)

Procédé et dispositif de fabrication d'une pièce pliée

Publication

**EP 2353748 B1 20120509 (DE)**

Application

**EP 10015530 A 20101210**

Priority

DE 102010007888 A 20100208

Abstract (en)

[origin: EP2353748A1] The method involves moving a section of an elongate work piece (120) e.g. wire and tube, by supply positions into an initial position in an engaging region of a bending head (130) by coordinated controlling of movements of machine axles of a bending machine in a bending process. The section of the work piece is deformed by bending using the bending head in a bending operation. A compensation movement avoiding vibration generation and/or removing vibration energy from a vibrating end section of a bent component is generated during a vibration-relevant movement in a compensation time interval. The bending machine is formed as a computer numerical control (CNC) bending machine and a single-head bending machine. Independent claims are also included for the following: (1) a device for manufacturing a bent component (2) a computer program product comprising instructions to perform a method for manufacturing a bent component.

IPC 8 full level

**B21F 1/00** (2006.01); **B21D 7/12** (2006.01)

CPC (source: EP US)

**B21D 7/12** (2013.01 - EP US); **B21F 1/00** (2013.01 - EP US)

Cited by

CN115673762A; CN105334801A; DE102017213967A1; WO2023208466A1

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DOCDB simple family (publication)

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DOCDB simple family (application)

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