

Title (en)

METHOD AND DEVICE FOR BENDING SECTION BARS OF METAL, IN PARTICULAR OF ALUMINIUM, WITH NON SUPPORTED WEBS, LIPS OR THE LIKE

Publication

EP 0174501 A3 19861112 (DE)

Application

EP 85110004 A 19850808

Priority

CH 434684 A 19840912

Abstract (en)

[origin: EP0174501A2] The object is achieved by dividing the bending moment acting on the central, adjustable roll (rupture on the inner edge of the section) into a tensile component and a compressive component. Seated on a tool carrier rigidly connected to the adjustable roll 3 or its carriage is a bracket (9) which carries a guiding element 10 matched to the section 7 in shape and material. By prestressing the guiding element 10 by means of the adjusting screw 12, it is possible to bring the point of action of the bending moment as close as possible to the neutral zone of the section 10. The device can be attached to any suitable bending or rolling machine. <IMAGE>

IPC 1-7

B21D 7/08

IPC 8 full level

B21D 7/08 (2006.01)

CPC (source: EP)

B21D 7/08 (2013.01)

Citation (search report)

- [X] DE 1335539 U
- [Y] CH 613883 A5 19791031 - HAEUSLER CHRISTIAN AG [CH]
- [Y] US 4117702 A 19781003 - FOSTER GENE B

Cited by

CN102189160A; CN102974665A; CN105251831A; CN106424361A

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DOCDB simple family (publication)

EP 0174501 A2 19860319; EP 0174501 A3 19861112; EP 0174501 B1 19901114; AT E58314 T1 19901115; CH 664101 A5 19880215; DE 3580553 D1 19901220

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