

Title (en)

Device for controlling the bending angle on tube bending machines

Title (de)

Vorrichtung zur Regelung der Biegeecke in Rohrbiegemaschinen

Title (fr)

Dispositif perfectionné à fixer l'angle de courbure sur appareils à cintrer les tubes

Publication

**EP 0822018 B1 20000712 (FR)**

Application

**EP 97500040 A 19970219**

Priority

ES 9602090 U 19960731

Abstract (en)

[origin: EP0822018A1] The tool has a transmission system with an electric motor, reduction gear and crown wheel controlling a shoe which moves relative to its curved template. It has a series of components located coaxially with the template to control the angle of the pipe bend, namely a cover (8) which is fixed to the template and has a threaded edge, an angular skirt (10) with two safety stops (11A, 11B), a crown wheel with graduated scale markings, a stop to engage with the safety stops, and a locking member. An auxiliary crown wheel is adjusted by the user so that the pointers on it are aligned with the graduated scale for the required pipe bend angle. When the drive motor is switched on the shoe travels round the edge of the template through the set angle, producing a pipe bend of the required curvature.

IPC 1-7

**B21D 7/14**

IPC 8 full level

**B21D 7/14** (2006.01)

CPC (source: EP)

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Cited by

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Designated contracting state (EPC)

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**EP 0822018 A1 19980204; EP 0822018 B1 20000712**; AT E194518 T1 20000715; DE 69702481 D1 20000817; DE 69702481 T2 20040609; ES 1034798 U 19970201; ES 1034798 Y 19970701

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