

Title (en)

Method for controlling a pipe bending machine

Title (de)

Verfahren zur Steuerung einer Rohrbiegemaschine

Title (fr)

Méthode de contrôle d'une machine de cintrage des tubes

Publication

**EP 0757925 A1 19970212 (DE)**

Application

**EP 96111239 A 19960712**

Priority

DE 19529216 A 19950809

Abstract (en)

The control process adjusts the position of the sliding rail fitting over the pipe section in a direction transverse to the pipe, so that the pressure force exerted on the pipe exhibits a defined value. Pref., the required value (Fs) of the pressure force is provided by a required value generator (49) and compared with the actual force value (Fi) to provide a setting signal for a regulator controlling a pressure cylinder (37) for moving the sliding rail.

Abstract (de)

Die Andruckkraft, mit der ein Andruckzylinder (37) das Rohr (13) in einer Rohrbiegemaschine abstützt, wird von einer Regeleinrichtung geregelt, indem der Andruckzylinder die Gleitschiene (32) quer zum Rohr bewegt, bis die Andruckkraft einen vorgegebenen Sollwert erreicht hat. <IMAGE>

IPC 1-7

**B21D 7/024; B21D 7/025**

IPC 8 full level

**B21D 7/024** (2006.01)

CPC (source: EP)

**B21D 7/024** (2013.01)

Citation (search report)

- [XY] US 4130004 A 19781219 - EATON HOMER L
- [Y] EP 0633076 A1 19950111 - EAGLE PRECISION TECH [CA]
- [A] DE 2304838 A1 19740808 - BABCOCK & WILCOX AG
- [A] KAUFFMANN; ERNST, ET AL: "Hydraulische Steuerungen", 1988, FRIEDR. VIEWEG & SOHN, BRAUNSCHWEIG/WIESBADEN, BRD, XP002012757

Cited by

CN107350316A; CN102303067A; EP2123372A1; US8141403B2; TWI510305B

Designated contracting state (EPC)

CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0757925 A1 19970212**; CA 2181852 A1 19970210; DE 19529216 A1 19970213

DOCDB simple family (application)

**EP 96111239 A 19960712**; CA 2181852 A 19960723; DE 19529216 A 19950809