

Title (en)

Device for measuring a bending angle in a programmable sheet bending brake.

Title (de)

Vorrichtung zum Messen des Biegewinkels in einer Abkantpresse.

Title (fr)

Dispositif de mesure de l'angle de cintrage dans une presse-plieuse programmable.

Publication

**EP 0679456 A1 19951102 (EN)**

Application

**EP 95200994 A 19950419**

Priority

IT MI940780 A 19940422

Abstract (en)

A device for the measurement of an angle of bending of an edge (8) of a polygonal sheet of metal (7), particularly for a machine for programmable bending on all the sides of the sheet (7), comprises actuators (39) apt to bring a bending blade (3, 4), without thrust, against the bent edge (8) and detectors (36, 37, 38) apt to measure the angle of rotation of the blade (3, 4). The detectors (36, 37, 38), in their turn, are operationally connected to correctors (15, 53; 18; 54) of the angle of bending of the edge (8). <IMAGE>

IPC 1-7

**B21D 5/04**

IPC 8 full level

**B21D 5/04** (2006.01)

CPC (source: EP)

**B21D 5/045** (2013.01)

Citation (search report)

- [DY] EP 0023894 A1 19810211 - SALVAGNINI TRANSFERICA SPA [IT]
- [Y] DE 3441113 A1 19860515 - KLOECKNER MOELLER ELEKTRIZIT [DE]
- [A] DE 3643190 C1 19880609 - FASTENRATH FASTI WERK
- [A] PATENT ABSTRACTS OF JAPAN vol. 10, no. 227 (M - 505)<2283> 7 August 1986 (1986-08-07)
- [A] PATENT ABSTRACTS OF JAPAN vol. 18, no. 23 (M - 1541) 14 January 1994 (1994-01-14)

Cited by

EP1777017A1; EP1057548A3; CN106660095A; WO2006043292A1; WO2007045770A1; WO2004108318A1; US6363766B1; WO2015188208A1; US10464115B2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IE IT LI NL SE

DOCDB simple family (publication)

**EP 0679456 A1 19951102**; IT 1269571 B 19970408; IT MI940780 A0 19940422; IT MI940780 A1 19951022

DOCDB simple family (application)

**EP 95200994 A 19950419**; IT MI940780 A 19940422