

Title (en)

METHOD FOR REDUCING BENDING ANGLE ERRORS DURING DIE BENDING

Title (de)

VERFAHREN ZUR REDUKTION DER BIEGEWINKELFEHLER BEIM GESENKBIEGEN

Title (fr)

PROCEDE DE REDUCTION DES ERREURS D'ANGLE DE PLIAGE LORS DU PLIAGE

Publication

EP 1480767 A1 20041201 (DE)

Application

EP 03704093 A 20030226

Priority

- AT 0300057 W 20030226
- AT 3002002 A 20020227

Abstract (en)

[origin: WO03072278A1] The invention relates to a method for reducing bending angle errors when bending a metal sheet in a bending press, comprised of a stationary lower tool (6) and a bending beam (4a, 4b), which is driven by linear axles (3) and provided with upper tools (8). The lower reversal point of the bending die is pre-calculated based on the pre-set specified value of the bending angle and on the force-path course measured during the bending process. The force-path course is measured by a position transducer (7) and a force transducer (8) and is processed inside the control unit (9).

IPC 1-7

B21D 5/02

IPC 8 full level

B21D 5/02 (2006.01)

CPC (source: EP)

B21D 5/02 (2013.01)

Citation (search report)

See references of WO 03072278A1

Cited by

CN109940062A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

WO 03072278 A1 20030904; AT 411022 B 20030925; AT A3002002 A 20030215; AU 2003206492 A1 20030909; EP 1480767 A1 20041201

DOCDB simple family (application)

AT 0300057 W 20030226; AT 3002002 A 20020227; AU 2003206492 A 20030226; EP 03704093 A 20030226