

Title (en)

METHOD AND MACHINE FOR BENDING WORKPIECES

Title (de)

VERFAHREN UND BEARBEITUNGSMASCHINE ZUM ABKANTEN VON WERKSTÜCKEN

Title (fr)

PROCEDE ET MACHINE POUR LE PLIAGE DE PIECES

Publication

**EP 0775028 A1 19970528 (DE)**

Application

**EP 96922796 A 19960611**

Priority

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Abstract (en)

[origin: US5842366A] PCT No. PCT/EP96/02531 Sec. 371 Date Feb. 7, 1997 Sec. 102(e) Date Feb. 7, 1997 PCT Filed Jun. 11, 1996 PCT Pub. No. WO96/41690 PCT Pub. Date Dec. 27, 1996As part of a process for bending workpieces (14), when the workpiece (14) is released from the upper die (8) and/or the lower die (10), the actual size of the bending angle ( beta ) is continually determined; from the actual size of the bending angle ( beta ) found, the change in it is determined and, as soon as the change in the actual size of the bending angle ( beta ) assumes a predetermined value, the actual size of the then existing bending angle ( beta ) is compared with the desired size. On a tooling machine for carrying out the method described, there are scanning elements (17,18) and a device (24) for determining the actual size of the bending angle ( beta ) that are parts of a device (19) for determining the change in the actual size of the bending angle ( beta ). The device (24) for determining the actual size of the bending angle ( beta ) is connected to a comparison device (32) for comparing the actual size of the bending angle ( beta ) to the desired size.

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