

Title (en)
METHOD OF BENDING SHEET METAL WITH A FOLDING PRESS

Publication
EP 0108718 A3 19840815 (FR)

Application
EP 83810486 A 19831021

Priority
CH 644082 A 19821105

Abstract (en)
[origin: US4550586A] The device employs a number of detectors (1) mounted at the level of the upper surface of the die (2) and a numerical control system (5). The purpose of the detectors is to signal to the numerical control the moment that the part b of the sheet begins to rise. The device allows the automatic determination of the thickness of the sheet in the area where the bend is to be located, during the course of the forming operation. The thickness of the sheet is then used by a numerical control system to correct the travel of the tool, without interrupting the forming cycle, in such a way as to obtain with high precision the required bend angle.

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B21D 5/02

IPC 8 full level
B21D 5/02 (2006.01)

CPC (source: EP US)
B21D 5/006 (2013.01 - EP US); **B21D 5/02** (2013.01 - EP US)

Citation (search report)

- DE 2901376 B2 19801030
- DE 1452836 A1 19691030 - PROMECAN SISSON LEHMANN, et al

Cited by
BE1001412A5; BE1007424A5; US5829288A; US9003847B2; US9003848B2; US9527122B2; WO2011000013A1; WO9505905A1; WO2011000011A1

Designated contracting state (EPC)
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EP 83810486 A 19831021; CH 644082 A 19821105; DE 3372326 T 19831021; US 54764183 A 19831101