

Title (en)
FOLDING MACHINE

Publication
EP 0106298 A3 19840718 (DE)

Application
EP 83110085 A 19831008

Priority
DK 448382 A 19821011

Abstract (en)
[origin: US4594867A] A sheet bending machine wherein a sheet of metal is fixed between a clamping beam and a lower beam mounted with interchangeable folding rails and wherein the bending is performed by a bending beam being swung against the projecting part of the sheet metal. The interchangeable folding rails have markings, for example, protrusions or recesses on the rear edge which cooperate with a set of members for establishment of a steering code which determines the maximum permissible bending angle for the folding rail. The code may be in the nature of a series of contacts which are opened or closed, dependent on the folding rail being used, having a recess opposite them or not. The state of the contacts may, for example, be sensed by a cam disc which curves synchronically with the swing movement of the bending beam and successively opens the contacts which are connected in parallel above them, so that a current circuit is switched when both corresponding pair of contacts are opened.

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B21D 5/04

IPC 8 full level
B21D 5/04 (2006.01)

CPC (source: EP US)
B21D 5/042 (2013.01 - EP US)

Citation (search report)
• [AD] DE 1076608 B 19600303 - REINHARDT & ADAM MASCHINEN UND
• [A] DE 2844509 A1 19790419 - KOMATSU MFG CO LTD
• [A] DE 2704399 A1 19780810 - FASTENRATH FASTI WERK
• [A] DE 6607061 U 19710114 - HERMANN RAFFELSIEFER FA [DE]

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