

Title (en)
APPARATUS FOR ADJUSTING TOOL LENGTH OF BENDING MACHINE

Publication
EP 0186909 B1 19900627 (EN)

Application
EP 85116595 A 19851227

Priority
• JP 27922485 A 19851213
• JP 28151984 A 19841229

Abstract (en)
[origin: EP0310145A2] In a bending machine for bending metal plate work so as to have four U-shaped rims, there are provided a ram (13) having a lower end, a bottom tool (16), a top tool body mounted on the lower end of said ram (13) above the bottom 16, the top tool body carrying central and corner die segments (1A, 1B, 7A, 7B) engagabe with the work piece (90) for bending it. Difficulties occur upon lowering and lifting the top tool past the U-legs of the rims already bended. For overcoming these difficulties, each corner die segment (7A, 7B) includes a main body (71, 101) and an openable die segment portion (72, 102, 110); a link (75, 103) mounted inside the lower portion of the main body of the upper corner die segment supports pivotably about a generally horizontal axis the openable die segment portion on the end of the link; and a rod (88) is erected on the center of the upper surface of the openable die segment portion to be inserted into a guide hole (89) in the corner die segment main body.

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B21D 5/01

IPC 8 full level
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Citation (examination)
EP 0105091 A2 19840411 - MARU KIKAI KOGYO [JP]

Cited by
EP0274159A3; CN108637100A; AT385690B; CN105992658A; GB2317843A; GB2317843B; US4765171A; AT385688B; EP0713734A1; AT385689B

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