

Title (en)

Method and device for bending sheet metal blanks

Title (de)

Verfahren und Vorrichtung zum Runden von Blechstücken

Title (fr)

Procédé et dispositif pour cintrer des pièces en tôle

Publication

EP 0696486 B1 20020522 (DE)

Application

EP 95108993 A 19950612

Priority

- CH 247394 A 19940810
- CH 324294 A 19941031

Abstract (en)

[origin: EP0696486A1] The plane rectangular pieces of metal are supplied in quick succession to a pressure point (P) between inner and outer rollers (12,13). Each piece in turn is plastically deformed to a desired constant radius (A) in passing from an entry wedge (11) to an exit guide (33) backed by a latching groove (38) and an arcuate supporting surface (39). The bent piece is then wrapped around the outside (21) of an inner mandrel (20) and elastically deformed (70) to a different shape for ejection. Its trailing end is snapped back (B) into the groove (38) as the next piece arrives at the pressure point.

IPC 1-7

B21D 5/14; **B21D 51/26**

IPC 8 full level

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EP 0696486 A1 19960214; **EP 0696486 B1 20020522**; BR 9503589 A 19960409; CN 1057948 C 20001101; CN 1121448 A 19960501; DE 59510211 D1 20020627; JP 2655635 B2 19970924; JP H0866733 A 19960312; KR 100344746 B1 20021102; TW 281647 B 19960721; US 5592844 A 19970114

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