

Title (en)

Method and apparatus for making a can body of non-circular section.

Title (de)

Verfahren und Einrichtung zur Herstellung von einen unrunder Querschnitt aufweisenden Dosenkörpern.

Title (fr)

Procédé et appareil de fabrication d'un corps de boîte à section non circulaire.

Publication

EP 0312918 B1 19940427 (DE)

Application

EP 88117073 A 19881014

Priority

CH 413887 A 19871022

Abstract (en)

[origin: EP0312918A2] To make can bodies with a non-circular cross-section, preferably with a rectangular cross-section and rounded corners, flat blanks (3) are first of all deformed in a deformation station (5) by means of a plurality of bending tools (20) of the same type to produce in each case a bend, another bend in each case being simultaneously produced on the various blanks (3), which are transported onwards in steps. The bending tool (20) has a shaped part (21) held fixed on the inside and having a curved outer face (22) and furthermore has a roller (24), which is mounted in a mounting body (23) and is under the influence of a spring (26) pressing against the mounting body (23) in order, during the movement brought about by a lifting rod (28) articulated on the mounting body (23), to bend the blank (3) situated between the shaped part (21) and the pressure roller (24) upwards. This is accomplished simultaneously at all the bending tools (20), each provided for one bend, by a moveable part (7) of the deformation device (5) operating as a press. The blank (3) is moved onwards in steps from one bending device (20) to the next, with the result that, after a plurality of working steps, a can body with a rectangular cross-section and rounded corners has been produced, the edges of which are connected in a subsequent welding station by electric resistance welding. <IMAGE>

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CPC (source: EP US)

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