

Title (en)

GUIDING EQUIPMENT FOR CAN BODIES WITH A NON-CIRCULAR CROSS-SECTION

Publication

EP 0340457 A3 19910102 (DE)

Application

EP 89105754 A 19890401

Priority

CH 161488 A 19880429

Abstract (en)

[origin: US4947013A] The guiding apparatus for a body for the production of can bodies having a non-circular cross-section by interconnecting the edges of the body by means of making a longitudinal seam comprises at both of the mutually opposite sides of the body supported symmetrically at circumferential areas two respective supporting rollers operative for a guiding of the body at the height of the edges to be welded and which are supported by their axes of rotation in succession relative to the direction of feed of the body in a rocker. These rockers are pivotably mounted at one end of a double arm transmission lever such that the supporting rollers operating as guides for the bodies abut continuously uniformly the further fed body for a tapering can body. A small pressing force is maintained by a pneumatic cylinder coupled to the other end of the transmission lever. Seen in direction of feed a pressing roller is located after the supporting rollers and pressed with a larger force by means of a transmission lever and a further pneumatic cylinder which is controlled independently from the other cylinders against the body in order to counteract the larger forces prevailing during the producing of the longitudinal seam for instance by welding electrode rollers. The precise guiding along the entire length of the body secures an impeccable production of a longitudinal seam in case of a non-circular cross-section.

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B21D 51/26

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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