

Title (en)

Method and apparatus for making can bodies.

Title (de)

Verfahren zum Herstellen von Dosenzargen und Vorrichtung zum Durchführen des Verfahrens.

Title (fr)

Procédé et dispositif de fabrication de corps de boîtes.

Publication

EP 0335301 B1 19940706 (DE)

Application

EP 89105372 A 19890325

Priority

DE 3810611 A 19880329

Abstract (en)

[origin: EP0335301A2] In this method or with this apparatus, the blanks (Z), following their removal from a magazine, are laterally centred, grasped centrally at their rear edge and transported into a forming station (6, 24, 25), in which the central region of the blank (Z) is first of all bent into its final shape (diameter D). A central non-positive or frictional engagement between a transfer means (1, 3, 5) and the blank (Z) is established here in order to achieve reliable guidance even of the already partially bent blank. To transport the blank onward, it is grasped by two lateral transfer devices (2; 8, 9) at the rear edge, in the region which has already been bent to the final shape, and fed to a seam-joining station (48) with accurate guidance of the edges of the blank. <IMAGE>

IPC 1-7

B21D 43/12; **B21D 51/26**

IPC 8 full level

B21D 43/12 (2006.01); **B21D 51/26** (2006.01); **B31B 5/36** (2006.01); **B31B 50/02** (2017.01); **B31B 50/40** (2017.01); **B31B 50/42** (2017.01)

CPC (source: EP US)

B21D 43/12 (2013.01 - EP US); **B21D 51/2676** (2013.01 - EP US); **B31B 50/044** (2017.07 - EP US); **B31B 50/104** (2017.07 - EP US); **B31B 50/40** (2017.07 - EP US); **B31B 50/42** (2017.07 - EP US)

Citation (examination)

- US 2864933 A 19581216 - SMITH CLARENCE J
- DE 3330171 A1 19840223 - FMI MECFOND AZIENDE MECC [IT]

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FR2687336A1; WO9315856A1; WO9524284A1

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EP 0335301 A2 19891004; **EP 0335301 A3 19900919**; **EP 0335301 B1 19940706**; DE 3810611 A1 19891019; DE 3810611 C2 19910627; US 5061141 A 19911029

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