

Title (en)

DEVICE FOR ROUNDING AND CONVEYING ON SHEET BLANKS FOR CAN SHELLS

Publication

**EP 0413955 B1 19930421 (DE)**

Application

**EP 90113603 A 19900716**

Priority

CH 304489 A 19890822

Abstract (en)

[origin: US5120177A] A sheet-metal blank (10) can be moved through between first and second bending rolls (24, 25). Disposed behind the bending rolls (24, 25) in its direction of movement (12) is a deflecting member (28) by which the sheet-metal blank (10) can be deflected away from the first bending roll (24) and round the second bending roll (25) out of its original direction of movement (12). In order to catch the edge of the sheet-metal blank (10) which was leading in the original direction of movement (12), a catch ledge (29) is disposed at the side of the second bending roll (25) remote from the first bending roll (24) and at least substantially in the common plane of the axes of the two bending rolls (24, 25). The catch ledge (29) is a component of a guide rail (30) on which the rounded sheet-metal blank (10) is guided with its longitudinal edges lying close beside one another during a further axial movement. The guide rail (30) extends at least substantially over the whole length of the two bending rolls (24, 25) and is arranged in such a manner that it is encircled by the sheet-metal blank (10) during the bending of the blank.

IPC 1-7

**B21D 51/26**

IPC 8 full level

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**US 55793590 A 19900725**; AT 90113603 T 19900716; BR 9004127 A 19900821; CH 304489 A 19890822; CN 90107136 A 19900822; CS 386590 A 19900806; DE 3928940 A 19890831; DE 3928959 A 19890831; DE 4023157 A 19900720; DE 59001240 T 19900716; DK 192190 A 19900813; EP 90113603 A 19900716; ES 90113603 T 19900716; FI 904097 A 19900820; JP 21914890 A 19900822; KR 900012866 A 19900821; SU 4830793 A 19900821