

Title (en)

Apparatus and method for spin flow necking aD and I can

Title (de)

Vorrichtung und Verfahren zum Einhalsen von Dosen mittels Flie ssdrücken

Title (fr)

Dispositif et méthode pour rétreindre des boîtes par emboutissage au tour

Publication

EP 0582984 B1 19960925 (EN)

Application

EP 93112667 A 19930806

Priority

- US 92993292 A 19920814
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Abstract (en)

[origin: EP0582984A1] A method and apparatus for spin flow necking-in a D&I can (C) is disclosed wherein an externally located free spinning form roll (11) is moved radially inward and axially against the outside wall of the open end of a trimmed can (C). A spring-loaded (20) interior support slide roll (19') moves under the forming force of the form roll (11) as the latter slides along a conical forming surface (24e) of a second free roll (24) mounted axially inwardly adjacent the slide roll (19'). To prevent damage to the metal caused by excessive pressure contact between the form and slide rolls, the slide roll (19') is axially retracted via a cam ring (102) which initially contacts the form roll (11) during radially inward necking movement.

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Cited by

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