

Title (en)

Cup-shaped containers and method and apparatus for manufacturing them.

Title (de)

Dosenförmige Behälter sowie Verfahren und Vorrichtung zu deren Herstellung.

Title (fr)

Réceptacles en forme de boîte et procédé et dispositif pour leur fabrication.

Publication

EP 0017434 A1 19801015 (EN)

Application

EP 80300961 A 19800327

Priority

GB 7912327 A 19790407

Abstract (en)

A cup-shaped container is formed from a metal blank (13) by forcing the blank (13), carried by a mandrel (50) through a drawing die (21) to shape the blank (13) with a base (14) and an elongate cylindrical wall (15), and ironing dies (22,23) to thin and extend the cylindrical wall (15) along the mandrel (50). The mandrel (50) has circumferential a groove (57) into which metal is caused to flow during the ironing step and adjacent the groove (57) is a severing die (56) which co-operates with an ironing die (23) to trim the rim of the cylindrical wall (15) adjacent the groove (57). The resultant container has an inner circumferential bead (60) at the rim, which strengthens the container and reduces the incidence of splitting.

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IPC 8 full level

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Citation (search report)

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