

Title (en)

Method and apparatus for drawing conical containers and containers so obtained.

Title (de)

Verfahren und Vorrichtung zum Tiefziehen von konischen Behältern und nach diesem Verfahren hergestellter Behälter.

Title (fr)

Procédé et dispositif d'emboutissage de récipients de forme tronçonnée, et récipient ainsi embouti.

Publication

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Application

EP 90470068 A 19901205

Priority

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Abstract (en)

[origin: EP0433203A1] The deep-drawing device comprises a frustoconical punch 2 and a die 1. The die comprises concentric rings 8, 9, 10 which move in the direction of the displacement of the punch and pressure means 14, 15, 16 for exerting a predetermined force on the said rings in the direction of the punch, each of the frontal annular surfaces 20, 21, 13 of the said rings having a shape complementary to the annular surface 20', 21', 13' of the punch which faces it axially. According to the method of the invention, intended especially for the production in a single pass of a generally frustoconical container, annular zones 32, 33, 34, which are concentric with the blank are deformed in succession by starting with the zone of smallest dimension, each annular zone 32, 33, 34 being held pressed to the punch by a corresponding ring (respectively 10, 9, 8) from the moment when the said zone is in contact with the punch and until the end of the deep drawing, each annular zone being moreover in bearing contact against a corresponding ring as long as the inner adjacent zone is not applied against the punch. <IMAGE>

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CPC (source: EP KR)

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