Title (en)

Deep drawing method for producing a lid and apparatus therefor

Title (de)

Tiefziehverfahren zum Herstellen einer Deckelschale, und Formwerkzeug dafür

Title (fr)

Procédé d'emboutissage pour la production d'un couvercle et appareil à cet effet

Publication

EP 1776286 B1 20130619 (DE)

Application

EP 05773895 A 20050812

Priority

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- DE 102004039814 A 20040812

Abstract (en)

[origin: WO2006018239A1] Disclosed are a top shell (1) or bottom shell (2) made from a deep-drawn molded plastic part as well as a receptacle which is composed of the two joined shells. The invention further relates to a method and a device for producing a top shell or bottom shell (1, 2). The aim of the invention is to create a first and a second shell (1, 2) which can be produced inexpensively as a disposable item while allowing the same to be locked together in a fixed but easily removable manner by joining the two shells together so as to create a largely tight receptacle. Said aim is achieved, among other things, by embodying a reducing collar (5) between the holding edge (4) and the pot-type central part (3) on the top shell (1) while disposing at least two identically pitched threads (7a, 7b, 7c, 7d, 7e, 7f) on the inner face (6) of the holding edge (4). The reducing collar (5) delimits the at least two threads (7a, 7b, 7c, 7d, 7e, 7f) on one side while said at least two threads (7a, 7b, 7c, 7d, 7e, 7f) are provided with an open thread inlet (48).

IPC 8 full level

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CPC (source: EP US)

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