

Title (en)

METHOD FOR PRODUCING A CUP-SHAPED OBJECT

Title (de)

VERFAHREN ZUM HERSTELLEN EINES NAPFFÖRMIGEN GEGENSTANDES

Title (fr)

PROCEDE DE FABRICATION D'UN OBJET EN FORME DE CUVETTE

Publication

EP 1663541 A1 20060607 (DE)

Application

EP 04762740 A 20040902

Priority

- DE 2004001953 W 20040902
- DE 20320442 U 20030904

Abstract (en)

[origin: US7661286B2] A method for the production of a cup-shaped article, in particular a blank of a screw cap for glass bottles or the like, from an enameled metal sheet, using two tools in a stepwise manner: 1) the blank is stamped from the metal sheet in a first tool by the relative motion between a cutting bell cooperating with a blank holder and a drawing block, and the blank is drawn around the drawing block, the width of a flange forming between the cutting bell and the blank holder being continuously reduced with a progressive degree of deformation until the flange reaches a defined width (R-r), and 2) the blank is deformed in a second tool such that the radially outwardly directed flange is deflected toward a profiling introduced in a wall of the blank.

IPC 1-7

B21D 51/44; **B21D 51/50**; **B21D 22/22**

IPC 8 full level

B21D 22/22 (2006.01); **B21D 51/44** (2006.01); **B21D 51/50** (2006.01)

CPC (source: EP US)

B21D 22/22 (2013.01 - EP US); **B21D 51/44** (2013.01 - EP US); **B21D 51/50** (2013.01 - EP US)

Cited by

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DOCDB simple family (publication)

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