

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 B1 20100505 (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 8 full level  
**B21D 51/44** (2006.01); **B21D 22/22** (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  
DE102021126646A1; WO2023062142A1

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DOCDB simple family (publication)  
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