

Title (en)  
METHOD OF MAKING A DRAWN CAN OF SHEET METAL

Publication  
**EP 0279269 B1 19920513 (DE)**

Application  
**EP 88101419 A 19880202**

Priority  
DE 3704895 A 19870217

Abstract (en)  
[origin: EP0279269A2] A deep-drawn can with a stepped edge adjoining the top of the cylindrical can body is produced by first deep-drawing, in a first draw and, if appropriate, one or more further draws, a cup which has a plane flange and whose internal diameter and height correspond to the internal diameter and height of the can body of the finished deep-drawn can. Using a holding-down tool acting on the flange, a part of the flange is then deformed to give the stepped edge, while leaving a residual flange, by means of a stepped-edge drawing ring with a drawing orifice whose diameter approximately corresponds to the external diameter of the can body, and with a stepped-edge recess which is provided at the inlet end thereof and is formed with a diameter greater than that of the drawing orifice, and by means of a stepped-edge stamp with a stamp part corresponding to the internal diameter of the can body, and with a stepped-edge part of greater diameter.

IPC 1-7  
**B21D 22/22**; **B21D 22/28**; **B21D 51/26**

IPC 8 full level  
**B21D 22/22** (2006.01); **B21D 22/28** (2006.01); **B21D 51/26** (2006.01)

CPC (source: EP)  
**B21D 22/22** (2013.01); **B21D 51/26** (2013.01)

Cited by  
US7661286B2; US5442111A; EP0614711A1; FR2702401A1; WO2005023451A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)  
**EP 0279269 A2 19880824**; **EP 0279269 A3 19900509**; **EP 0279269 B1 19920513**; AT E75975 T1 19920515; DE 3704895 A1 19880825; DE 3704895 C2 19881117; DE 3870907 D1 19920617; ES 2031935 T3 19930101; GR 3005012 T3 19930524

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