

Title (en)

METHOD FOR PRODUCING A ROLLED EDGE

Title (de)

VERFAHREN ZUM HERSTELLEN EINES ROLLRANDES

Title (fr)

PROCÉDÉ POUR RÉALISER UN BORD RETOURNÉ

Publication

EP 1372880 B1 20080514 (DE)

Application

EP 02703433 A 20020318

Priority

- CH 0200158 W 20020318
- CH 6552001 A 20010406

Abstract (en)

[origin: WO02081118A1] The invention relates to a method for the production of a rolled edge from an edge section (11) of a tube, wherein a flanging die is driven onto the edge section and flanges it into a roll. According to the invention, an initial area (14) of the edge section (11) is previously rolled in a positive fit manner by means of a forcibly controlled tool (30). This prevents buckling of the initial area (14), which has a controlled geometry as a result of rolling. The novel method is preferably used in the production of valve seats in so-called aerosol domes (10) for spray cans.

IPC 8 full level

B21D 19/12 (2006.01); **B21D 51/26** (2006.01); **B21D 19/06** (2006.01); **B21D 51/38** (2006.01)

CPC (source: EP KR US)

B21D 19/06 (2013.01 - EP KR US); **B21D 51/2615** (2013.01 - EP US)

Cited by

EP2226132A1; WO2019068539A1; CN102847831A; FR2942597A1; EP4101558A1; WO2024105098A1; US11498105B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 02081118 A1 20021017; AT E395152 T1 20080515; AU 2002237139 B2 20070802; CN 1248800 C 20060405; CN 1498142 A 20040519; DE 50212269 D1 20080626; EP 1372880 A1 20040102; EP 1372880 B1 20080514; JP 2004524976 A 20040819; JP 4022472 B2 20071219; KR 20040022211 A 20040311; MX PA03008670 A 20050408; US 2004139779 A1 20040722; US 7392683 B2 20080701

DOCDB simple family (application)

CH 0200158 W 20020318; AT 02703433 T 20020318; AU 2002237139 A 20020318; CN 02806745 A 20020318; DE 50212269 T 20020318; EP 02703433 A 20020318; JP 2002579146 A 20020318; KR 20037012855 A 20030930; MX PA03008670 A 20020318; US 47369004 A 20040312