

Title (en)

Apparatus for applying gum to the edge portion of non-circular lids

Title (de)

Vorrichtung zum Gummieren des Randes eines unrundern Deckels

Title (fr)

Dispositif pour engommer les bords de couvercles non circulaires

Publication

EP 0736332 A3 19970528 (DE)

Application

EP 96104858 A 19960327

Priority

DE 29505831 U 19950405

Abstract (en)

[origin: EP0736332A2] A fixed spray nozzle (3) sprays sealant into the edge of the lid (1) which is held in a rotatable lid holder (5). For non-circular lid edges the lid holder is displaceable and has a toothed disc (6) corresponding to the non-circular outline. The neutral line of the toothed disc coincides with the centre line of the lid edge to be sized. A gearwheel (7) meshes with the toothed disc and the number of teeth of the disc is a whole-number multiple of the number of teeth of the wheel. The wheel rotates synchronously with the main drive shaft. Two control cams (9, 12) are connected rotationally fixed to the main drive shaft wherein one adapts the position of the disc relative to the gearwheel so that their teeth always engage whilst the second moves the axis of the wheel so that the opening of the spray nozzle is always above the centre line of the lid edge (2).

IPC 1-7

B05C 13/02

IPC 8 full level

B05B 13/02 (2006.01); **B05C 5/02** (2006.01)

CPC (source: EP)

B05B 13/0221 (2013.01); **B05C 5/0216** (2013.01); **B05C 5/022** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

CH DE DK ES FR GB IT LI NL

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