

Title (en)

Crimp head for food tins comprising tolerance regulating means.

Title (de)

Bördelkopf für Konservendosen mit Spielregulierungsmitteln.

Title (fr)

Tête de sertissage pour boîte de conserve, dotée de moyens de réglage de jeu.

Publication

EP 0576332 A1 19931229 (FR)

Application

EP 93401560 A 19930617

Priority

FR 9207594 A 19920622

Abstract (en)

The invention relates to a crimp head comprising at least one knurling wheel (3) for crimping the lid (1b) of a food tin (1). The knurling wheel (3) is guided along a path surrounding the tin (1) by means of a support piece (4) which includes a hub (4a) driven in rotation about the axis (X) of the crimp head, as well as a head (4d) carrying a journal (9) on which are mounted, on the same axis (Z), a cylindrical roller (10) rolling over a cam surface (7a) and a domed roller (11) rolling over a countercam surface (7b) inclined by a small angle (F). The position of the journal (9) and of the rollers (10, 11) can be adjusted according to the axis (Z) in order to make it possible to take up the guide tolerance (clearance). <IMAGE>

IPC 1-7

B65B 7/28; **B21D 51/32**

IPC 8 full level

B21D 51/32 (2006.01); **B65B 7/28** (2006.01)

CPC (source: EP US)

B21D 51/32 (2013.01 - EP US); **B65B 7/2857** (2013.01 - EP US)

Citation (search report)

- [A] US 2907293 A 19591006 - PETERSON JR WILLIAM B
- [A] FR 1220627 A 19600525 - METAL BOX CO LTD

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EP1892191A4

Designated contracting state (EPC)

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EP 0576332 A1 19931229; **EP 0576332 B1 19960417**; DE 69302227 D1 19960523; DE 69302227 T2 19960912; ES 2086902 T3 19960701; FR 2692548 A1 19931224; FR 2692548 B1 19941007; US 5390471 A 19950221

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