

Title (en)

METHOD OF ATTACHING A BOTTOM OR A LID TO A CAN BODY, AND ASSEMBLING MACHINE FOR PERFORMING THIS METHOD

Publication

**EP 0252832 B1 19901128 (FR)**

Application

**EP 87401578 A 19870706**

Priority

FR 8609897 A 19860708

Abstract (en)

[origin: US4820100A] In a method of fitting a top or a bottom to the body of a can, the top or bottom is placed inside a die having a rolling surface. The top or bottom has an inwardly rolled edge defining a support surface adapted to be substantially mated with at least part of the rolling surface. An end portion of the can body is inserted between this rolling surface and this support surface. Thrust is then applied to the can body until it causes the end portion to roll around and envelop the support surface. The corresponding machine comprises at least one rolling die incorporating a bush defining a first rolling surface facing radially inwards and a plurality of jaws disposed along a perimeter corresponding to the shape of the can. The jaws are movable towards an inside wall of this bush and are shaped to define at least part of a second rolling surface which faces radially outwards. This second rolling surface is adapted to form an extension of the first rolling surface when the jaws are positioned close to the inside wall of the bush.

IPC 1-7

**B21D 51/32**

IPC 8 full level

**B21D 51/30** (2006.01); **B21D 51/32** (2006.01); **B21D 51/46** (2006.01)

CPC (source: EP US)

**B21D 51/32** (2013.01 - EP US)

Cited by

CN102794367A; GB2342607A; GB2342607B

Designated contracting state (EPC)

AT BE CH DE ES GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0252832 A1 19880113; EP 0252832 B1 19901128**; AT E58656 T1 19901215; CA 1336661 C 19950815; DE 3766435 D1 19910110; DK 168085 B1 19940207; DK 349987 A 19880109; DK 349987 D0 19870707; ES 2019955 B3 19910716; FR 2601269 A1 19880115; FR 2601269 B1 19930219; GR 3001393 T3 19920911; IE 59935 B1 19940504; IE 871823 L 19880108; JP H0464763 B2 19921016; JP S6380935 A 19880411; PT 85282 A 19880729; PT 85282 B 19930730; US 4820100 A 19890411

DOCDB simple family (application)

**EP 87401578 A 19870706**; AT 87401578 T 19870706; CA 541451 A 19870707; DE 3766435 T 19870706; DK 349987 A 19870707; ES 87401578 T 19870706; FR 8609897 A 19860708; GR 910400094 T 19910129; IE 182387 A 19870708; JP 17083587 A 19870708; PT 8528287 A 19870707; US 7044387 A 19870707