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.

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