

Title (en)

METHOD OF FILLING AND SEALING A DEFORMABLE CONTAINER.

Title (de)

VERFAHREN ZUM ABFÜLLEN UND VERSIEGELN EINES VERFORMBAREN BEHÄLTERS.

Title (fr)

PROCEDE DE REMPLISSAGE ET DE FERMETURE HERMETIQUE D'UN CONTENEUR DEFORMABLE.

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Application

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Abstract (en)

[origin: WO9002687A1] A method of filling and sealing a container (10) having a deformable bottom (12) with a product (34) having a volume less than the initial volume of the container, but equal to the volume of the final container with its bottom (12) deformed upward. The container is filled and a lid (26) is placed onto the container adjacent to a sealing surface (27). In its initial position enough headspace exists to permit the proper lid placement without squeezing product onto the sealing surface (27). The filled container with its unsealed lid (26) is placed on an anvil (30) in a vacuum chamber (38). The vacuum chamber (38) is vacuumized to a desired pressure and the lid (26) is sealed to the sealing surface (27) by sealing head (40). The container is then removed from the vacuum chamber (38). As a result of atmospheric pressure the bottom (12) is inverted upwardly thereby forcing the product (34) to fill the headspace voids.

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