

Title (en)

Method of filling a can and can for use therein.

Title (de)

Verfahren zum Füllen von Blechdosen und Blechdose dafür.

Title (fr)

Procédé de remplissage de boîtes et boîte utilisée par le procédé.

Publication

**EP 0521642 A1 19930107 (EN)**

Application

**EP 92305702 A 19920622**

Priority

GB 9114503 A 19910704

Abstract (en)

A method of filling a can with a non-carbonated product comprises in sequence the steps of (a) filling an open topped can with the product to leave a headspace; (b) blowing a permanent gas into the headspace to substantially fill the headspace and displace water vapour from the headspace; (c) seaming a can end onto the can to close the can; and (d) deforming the can end or can bottom from a first stable shape to a second stable shape so reducing the headspace volume and increase the headspace pressure to a level such that in anticipated conditions of processing, transit and storage the internal pressure remains above 1 atmosphere. The benefits arising are that cans having a thin side wall are supported against abuse or collapse and the cans remain in their desired shape. <IMAGE>

IPC 1-7

**B65B 31/00**; **B65D 79/00**

IPC 8 full level

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CPC (source: EP US)

**B65B 31/00** (2013.01 - EP); **B65D 79/0081** (2020.05 - EP US); **B65D 79/0087** (2020.05 - EP US)

Citation (search report)

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