

Title (en)

METHOD AND SYSTEM FOR ASEPTICALLY FILLING A CONTAINER WITH FLUID

Publication

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Application

EP 82304330 A 19820817

Priority

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Abstract (en)

[origin: EP0072699A1] A method and system for aseptic-filling of containers. The flexible containers (1) are presterilized and a rupturable membrane (41) covers the inlet to the container. The filling head (20) includes a recess (46) below the outlet valve (22) and this recess is closed by the rupturable membrane when the container inlet is aligned with the filling head. After alignment sterilizing fluid is introduced into the recess to sterilize the outer surface of the membrane and the internal surfaces of the recess. Following sterilization the outlet valve (22) of the filling head is opened and the pressure of the liquid breaks the rupturable membrane allowing the container to be filled. Subsequent to completion of the filling cycle the inlet to the container is sealed and the sealed and filled container (1) is then removed from the filling head (20).

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IPC 8 full level

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CPC (source: EP)

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Cited by

AU2002300423B2; EP0271242A1; AU2006254733B2; GB2271347A; GB2271347B; EP0373367A1; US5029432A; CH678416A5; EP0280871A1; US4893659A; CH673819A5; JPS63232129A; AU684493B2; US5740945A; EP0366269A1; FR2619078A1; AU753749B2; US4854734A; EP0236107A1; EP0101642A3; EP0395933A1; US5099895A; CH679768A5; EP2607242A3; CN105579347A; WO2004074162A1; WO2006128246A1; WO2015044088A1; US6883682B2; US6976606B2; US9592924B2; US10377519B2; WO9947432A1; WO2022112796A3; WO9420406A1; WO8900952A1

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