

Title (en)
ASEPTIC FILLING STATION

Publication
EP 0236107 B1 19900613 (EN)

Application
EP 87301791 A 19870302

Priority
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• AU PH485486 A 19860303

Abstract (en)
[origin: EP0236107A1] 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 (41) 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 valve member (22) moves towards the rupturable membrane (41) allowing the piercing tool (25) to rupture said membrane. The outlet valve (24) of the filling head is opened and the liquid is allowed to flow into the container. 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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B65B 55/02

IPC 8 full level
B65B 55/02 (2006.01)

CPC (source: EP)
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Cited by
US7655198B2; AU760376B2; GB2328426A; US4893659A; EP0741087A1; CN1071690C; EP0317908A1; CH674637A5; AU2006254733B2; DE8711114U1; EP0395933A1; US5099895A; CH679768A5; WO2004074162A1; WO2006128246A1; WO02062666A1; WO0062820A3; US7264771B2; US9289522B2; US9737624B2; US10166306B2; US10821197B2; US11833259B2

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