

Title (en)

Method and apparatus for sterilising and cleaning an aseptic filling system.

Title (de)

Verfahren und Vorrichtung zum Sterilisieren und Reinigen einer Anlage für aseptische Abfüllung.

Title (fr)

Procédé et dispositif pour la stérilisation et le nettoyage d'un système de remplissage aseptique.

Publication

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Application

EP 90107216 A 19900414

Priority

CH 166789 A 19890502

Abstract (en)

The apparatus comprises a fluid-inlet (2) and -outlet (3) pipe, a filling head, a packaging support disposed under the filling head and provided for sealing the packaging at the end of filling, the said head comprising a valve for regulating the fluid inlet flow. This apparatus also comprises, on the bottom of the said filling head, a vapour-inlet valve (62) and a valve (63) with a vapour-outlet and drain pipe, the axes of the said valves forming an angle of between 70 and 110 DEG between them. <IMAGE>

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CPC (source: EP US)

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Citation (search report)

- [A] EP 0236107 A1 19870909 - BCL PACKAGING [AU]
- [A] EP 0072699 A1 19830223 - WRIGHTCEL LTD [AU]
- [A] WO 8900952 A1 19890209 - DUFRENE ALAIN [FR], et al

Cited by

EP1067052A1; US5740945A; US6330780B1; WO9420406A1

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