

Title (en)

APPARATUS COMPRISING A DOSAGING DEVICE FOR A LIQUID PRODUCT AND A METHOD FOR IT.

Title (de)

GERÄT MIT EINER DOSIERVORRICHTUNG FÜR EIN FLÜSSIGES PRODUKT UND VERFAHREN DAFÜR.

Title (fr)

APPAREIL COMPRENANT UN DISPOSITIF DE DOSAGE POUR PRODUIT LIQUIDE ET METHODE CORRESPONDANTE.

Publication

**EP 0013132 A1 19800709 (EN)**

Application

**EP 79302970 A 19791219**

Priority

- AU 2390084 A 19840127
- GB 7849113 A 19781219

Abstract (en)

An aseptic packaging machine 1 includes a chain conveyor conveying cartons along a path P in an aseptic chamber 6 including an advance leg and a return leg each extending along the machine 1. Ultra-violet germicidal lamps 8 extend over at least a major portion of the advance leg. A septic liquid is fed into the cartons C by a filling device 9 comprised of, in turn, an expansion chamber, a non-return inlet valve, a reciprocatory bellows and a non-return outlet valve. After filling, the cartons are top-heated and sealed by a top heating device 10 and a top-sealing device 11. The only non-aseptic matter deliberately introduced into the chamber 6 is the cartons C. The chamber 6 is cleaned internally by cleaning fluid from spray nozzles. The carton entry to and exit from the chamber 6 have aseptic air curtains.

IPC 1-7

**B65B 55/04**; **B65B 3/12**; **B65B 3/22**

IPC 8 full level

**B65B 3/12** (2006.01); **B65B 55/02** (2006.01)

CPC (source: EP)

**B65B 3/12** (2013.01); **B65B 55/027** (2013.01)

Citation (search report)

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- DE 2214080 A1 19731004 - HAMBACH MASCHF
- GB 1335007 A 19731024 - SIG SCHWEIZ INDUSTRIEGES

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