

Title (en)

Container closing apparatus with integrated head space flushing

Title (de)

Vorrichtung zum Verschließen von Behältern mit integrierter Kopfraumbegasung

Title (fr)

Dispositif destiné à fermer des récipients avec rinçage d'espace de tête intégré

Publication

**EP 2669200 B1 20151104 (DE)**

Application

**EP 13170054 A 20130531**

Priority

DE 102012104765 A 20120601

Abstract (en)

[origin: EP2669200A1] The device has a conveyor star for conveying containers (2). A closing element closes the conveyed container. A nozzle carrier (4) includes upwardly oriented nozzles (40) for injecting flush gas into closures (3), and downwardly oriented nozzles (42) for injecting the flush gas into a head chamber volume (24) of the containers. The nozzle carrier is arranged outside a sphere of the closing element. The nozzle carrier lies outside or within a pitch circle. Two sterilized filtering candles are provided before the nozzle carrier.

IPC 8 full level

**B65B 31/04** (2006.01); **B67C 3/22** (2006.01)

CPC (source: EP)

**B65B 31/043** (2013.01); **B67B 3/003** (2013.01); **B67C 3/222** (2013.01); **B67B 2201/08** (2013.01)

Citation (examination)

JP 2004042994 A 20040212 - TOYO SEIKAN KAISHA LTD

Cited by

US11414229B2; WO2019101525A1

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DOCDB simple family (publication)

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