

Title (en)

CLEANING OF CONTAINER CLOSURES DURING THE FILLING AND CLOSING PROCESS OF CONTAINERS TO BE FILLED

Title (de)

REINIGUNG VON BEHÄLTERVERSCHLÜSSEN BEIM ABFÜLL- UND VERSCHLIESSPROZESS VON ZU BEFÜLLENDE BEHÄLTERN

Title (fr)

NETTOYAGE DE FERMETURES DE RÉCIPIENTS LORS DU PROCESSUS DE REMPLISSAGE ET DE FERMETURE DE RÉCIPIENTS À REMPLIR

Publication

**EP 3670429 B1 20220309 (DE)**

Application

**EP 19217386 A 20191218**

Priority

DE 102018132625 A 20181218

Abstract (en)

[origin: CN111333008A] The invention relates to a filling and closing device (1), preferably in a beverage filling system, for filling a container to be filled with a filling product and for subsequently closing the filled container with a closure (2). The filling and closing device (1) comprises a filling mechanism (20) which is designed and arranged to introduce the filling product into the container to be filled; a closing mechanism (30) which is constructed and arranged to receive the closure (2) and to close the filled container with the closure (2); and a cleaning assembly (40) having at least one cleaning nozzle (42) which is designed and arranged to direct a gas jet towards the closure (2) held by the closing mechanism (30), preferably towards the underside of the closure (2).

IPC 8 full level

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CPC (source: CN EP)

**B67B 3/003** (2013.01 - EP); **B67C 7/00** (2013.01 - EP); **B67C 7/0073** (2013.01 - CN); **B67C 2003/2697** (2013.01 - EP); **B67C 2007/006** (2013.01 - CN); **B67C 2007/0066** (2013.01 - CN EP)

Cited by

EP3907173A1; WO2023166335A1

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DOCDB simple family (publication)

**EP 3670429 A1 20200624**; **EP 3670429 B1 20220309**; CN 111333008 A 20200626; CN 111333008 B 20220617; DE 102018132625 A1 20200618; SI 3670429 T1 20220831

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