

Title (en)

INTEGRATED UNIT FOR FORMING, FILLING AND CLOSING CONTAINERS

Title (de)

INTEGRIERTE EINHEIT ZUM FORMEN, FÜLLEN UND VERSCHLIESSEN VON BEHÄLTERN

Title (fr)

UNITÉ INTÉGRÉE POUR FORMER, REMPLIR ET FERMER DES CONTENANTS

Publication

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Application

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Priority

EP 2016056251 W 20160322

Abstract (en)

[origin: WO2017162274A1] The invention provides an integrated container forming, filling and closing unit comprising a cabinet with an input opening for preforms and an exit opening for containers. A first compartment of the cabinet comprises modules for receiving and heating the preforms and a transport system for transporting the preforms. A second compartment of the cabinet comprises modules for forming the containers. A third compartment comprises modules for filling and closing the containers and a transport system for transporting the containers. Transfer modules transfer the preforms and the containers between the compartments and the modules. A container output module outputs the containers via the exit opening. A separation wall between two successive compartments has a transfer opening for passing preforms or containers between those compartments. The air pressure in one of those compartments is elevated with respect to the other of those compartments by means of an air pressure control system.

IPC 8 full level

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