

Title (en)

APPARATUS AND METHOD FOR FOAMING A FILLING PRODUCT DISPENSED INTO A CONTAINER

Title (de)

VORRICHTUNG UND VERFAHREN ZUM AUFSCHÄUMEN EINES IN EINEN BEHÄLTER ABGEFÜLLTEN FÜLLPRODUKTS

Title (fr)

DISPOSITIF ET PROCÉDÉ D'EXPANSION D'UN PRODUIT DE REMPLISSAGE REMPLI DANS UN RÉCIPIENT

Publication

**EP 3733588 B1 20220629 (DE)**

Application

**EP 20171576 A 20200427**

Priority

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Abstract (en)

[origin: CN11847353A] The present invention relates to an apparatus for foaming a filling product dispensed into a container, preferably a beverage in beverage filling equipment. The apparatus for foaming comprises at least one foaming element for introducing energy into the filling product, a control unit for controlling the at least one foaming element, a transport device for transporting the container in the transport direction, and at least one measuring device. The apparatus for foaming is characterized in that the measuring device is a measuring device for determining the height of the surface of a filled product in the corresponding container, the apparatus for foaming has a regulator for adjusting the energy input to the filled product, and the regulator is connected to the control unit of the foaming element and the measuring device. The invention also relates to a method for foaming a filled product filled in a container, and is characterized in that the filled product is foamed through the foaming element, the foaming element is controlled in a regulating loop, and the surface height of the foamed filled product in the regulating loop is used as an adjustment variable.

IPC 8 full level

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