

Title (en)

DEVICE FOR SIMULTANEOUSLY FILLING AT LEAST TWO FOODS OF DIFFERENT COMPOSITIONS INTO ONE CONTAINER

Title (de)

VORRICHTUNG ZUM GLEICHZEITIGEN FÜLLEN VON MINDESTENS ZWEI NAHRUNGSMITTELN UNTERSCHIEDLICHER BESCHAFFENHEIT IN EINEN BEHÄLTER

Title (fr)

DISPOSITIF DE VERSEMENT SIMULTANÉ D'AU MOINS DEUX ALIMENTS PRÉSENTANT DIFFÉRENTS ÉTATS DANS UN CONTENANT

Publication

EP 2797813 B1 20160713 (DE)

Application

EP 12790903 A 20121123

Priority

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- EP 2012073491 W 20121123

Abstract (en)

[origin: WO2013079411A1] A device for simultaneously filling at least two foods of different compositions, predominantly in a thick fluid and/or pasty form, into a container, particularly a transparent plastic cup, having a valve head with a nozzle inlet opening and nozzle outlet openings for the food and fed by dosing devices, wherein the controller has a control disc (23) rotatable about a longitudinal axis (22) in the valve head (1) having control openings (25a, 25b, 25c) distributed about said longitudinal axis (22) on a first control circuit path (24), said control openings being alignable during an incremental rotation of the control disc (23) alternating in succession with auxiliary nozzle inlet openings (26a, 26b, 26c) of a stationary control surface (27) of the valve head (1) lying below in a planar manner, wherein auxiliary nozzle inlet openings (26a, 26b, 26c) are arranged on a second control circuit path (24') congruent with the first control circuit path about the longitudinal axis (22) in the control surface (27) such that helically rising individual portions (28) of the second food (8) from corresponding auxiliary nozzle outlet openings (30) can be positioned on the inner wall of the cup (29) during the filling process. A main nozzle (31) is provided below the control surface (27) in the valve body within the control circuit paths and auxiliary nozzle inlet openings on the longitudinal axis arranged along the same paths; the feed of said nozzle with the food forming the main component is controlled in the known manner by only one rotary disc valve (13) in the supply line (15) coming from the corresponding dosing device (3).

IPC 8 full level

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CPC (source: EP US)

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