

Title (en)

METHOD, CONTROLLER, VALVE ARRANGEMENT, AND PORTIONING DEVICE FOR PORTIONING A FLOWABLE, OPTIONALLY PRESSURIZED MASS

Title (de)

VERFAHREN, STEUERUNG, VENTILANORDNUNG UND PORTIONIEREINRICHTUNG ZUM PORTIONIEREN EINER FLIESSFÄHIGEN, OPTIONAL DRUCKBEAUFSCHLAGTEN MASSE

Title (fr)

PROCÉDÉ, COMMANDE, AGENCEMENT DE VANNES ET DISPOSITIF DE FORMATION DE PORTIONS POUR LE PORTIONNEMENT D'UNE PÂTE FLUIDE, ÉVENTUELLEMENT MISE SOUS PRESSION

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Application

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Abstract (en)

[origin: WO2010092535A1] The invention relates to a method for portioning a flowable, pressurized mass (m). In a first step, a first pinch valve (1, 1a..1c) is opened and a second pinch valve (2, 2a..2c) arranged thereafter in a main flow direction of the mass (m) is slightly closed. As soon as a desired amount of the mass (m) has passed the pinch valves (1, 1a..1c, 2, 2a..2c), the first pinch valve (1, 1a..1c) is closed. Afterwards, the second pinch valve (2, 2a..2c) is opened. The opening, the slight closing, and the closing of the first pinch valve (1, 1a..1c) and of the second pinch valve (2, 2a..2c) occur by means of a pressure medium. The invention further relates to a controller, to a valve arrangement (3), and to a portioning device for performing the method according to the invention.

IPC 8 full level

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