

Title (en)
DEVICE FOR CASTING EDIBLE PRODUCTS

Title (de)
VORRICHTUNG ZUM GIESSEN VON VERZEHRPRODUKTEN

Title (fr)
DISPOSITIF POUR COULER DES PRODUITS DE CONSOMMATION

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Application
EP 08714799 A 20080403

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Abstract (en)
[origin: WO2008141468A1] The invention relates to a device (1; 1') and a method for casting an edible product from a castable mass (M), particularly a fat mass such as chocolate. The casting device (1; 1') comprises a mass container (2; 2') for receiving the castable mass (M) and a metering unit (3, 4; 3', 4') having nozzles (32; 32') in a fluid connection with the interior of the mass container. The metering unit (3, 4; 3', 4') has a nozzle block (3; 3') having nozzles (32; 32') on the side facing away from the mass container (2; 2') and a valve block (4; 4') having at least one valve (42; 42') on the side facing the mass container (2; 2'), a metering chamber (7; 7') being delimited between the nozzle block (3; 3') and the valve block (4; 4') and having a metering chamber volume (V) that can be changed by a relative motion between the nozzle block (3; 3') and the valve block (4; 4'). The casting method comprises the following steps: a) filling the mass container with the castable mass; b) drawing the mass into the metering chamber by enlarging the metering chamber volume by a first relative motion between the nozzle block and the valve block; c) discharging mass from the metering chamber by reducing the metering chamber volume by a second relative motion between the nozzle block and valve block.

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