Title (en)

THERMOREGULATED DEVICE FOR MODIFYING THE CONSISTENCY OF A COMPOSITION AND METHOD FOR OPERATING THE DEVICE

Title (de)

THERMOREGULIERTE VORRICHTUNG ZUR ÄNDERUNG DER KONSISTENZ EINER ZUSAMMENSETZUNG UND VERFAHREN ZUM BETREIBEN DER VORRICHTUNG

Title (fr)

DISPOSITIF THERMORÉGULÉ DESTINÉ À MODIFIER LA CONSISTANCE D'UNE COMPOSITION ET PROCÉDÉ DE MISE EN OEUVRE DU DISPOSITIF

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Application

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Abstract (en)

[origin: WO2015121736A2] The invention relates to a thermoregulated device for modifying the consistency of a starting composition that comprises a preparation at least partially mixed with a liquid. For this purpose, the device is configured to accommodate a reservoir (3; 203; 303; 403; 503; 603; 703) containing the starting composition and possessing two opposing faces, at least one of which comprises a flexible section, the device comprising a thermoregulated element (2; 202; 302; 402) having a predefined contact surface arranged to come into contact with one of the opposing faces of the reservoir (3; 203; 303; 403; 503), as well as stirring means for mixing the composition in the reservoir (3; 203; 303; 403). The stirring means comprise a mixer (10; 210; 310; 410) as well as driving means (30; 230; 330) arranged for running the mixer (10; 210; 310; 410) bearing on said flexible section of the reservoir (3; 203; 303; 403; 503), when the reservoir is disposed on the thermoregulated, element (2; 202; 302; 402) of the device, in such a way as to create a local compression zone (8; 208; 308) in the interior of the reservoir (3; 203; 303; 403; 503). The driving means (30; 230; 330) are also arranged to then displace the mixer (10; 210; 310; 410) with respect to the flexible section of the reservoir (3; 203; 303; 403; 503) in order to displace said local compression zone (8; 208; 308) to the interior of the reservoir (3; 203; 303; 403; 503) in such a way as to mix the composition of the reservoir (3; 203; 303; 403; 503) during the mixing operation.

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