

Title (en)
METHOD FOR THE OPEN-LOOP AND/OR CLOSED-LOOP CONTROL OF THE GAS THROUGHPUT IN THE BAKING CHAMBER OF A BAKING DEVICE

Title (de)
VERFAHREN ZUR STEUERUNG UND/ODER REGELUNG DES GASDURCHSATZES IM BACKRAUM EINER BACKVORRICHTUNG

Title (fr)
PROCÉDÉ DE COMMANDE ET/OU DE RÉGULATION DU DÉBIT DE GAZ DANS LA CHAMBRE DE CUISSON D'UN DISPOSITIF DE CUISSON

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Application
EP 17811337 A 20171213

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Abstract (en)
[origin: WO2018109009A1] The invention relates to a method for the open-loop and/or closed-loop control of the gas throughput in the baking chamber (1) of a baking device (2), in which to produce baked products, a baking tong chain (3) is moved along a circulating track through the baking chamber (1), comprising the following steps: feeding a fuel volume flow (6) in an open-loop or closed-loop manner, optionally feeding a convection air volume flow (9) in an open-loop or closed-loop manner, and extracting an extraction volume flow (10) in an open-loop or closed-loop manner, wherein for the open-loop or closed-loop control of the extraction volume flow (10) and or of the convection air volume flow (9), a volume balance of the volume flow introduced into the baking chamber (1), the volume flow (11) expanded in the baking chamber (1) and the volume flow extracted from the baking chamber (1) is formed, and wherein the performance of the extraction fan and/or the performance of the convection fan is controlled in an open-loop or closed-loop manner such that the extracted volume flow is greater than or equal to the sum of the introduced volume flow and the volume flow (11) expanded in the baking chamber (1), and therefore the introduced volume flow and the volume flow (11) expanded in the baking chamber (1) are extracted via the extraction fan.

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