

Title (en)
PRESSURE-CONTROLLED DOUGH-ROUNDING DEVICE

Title (de)
DRUCKGESTEUERTE TEIGRUNDWIRKEINRICHTUNG

Title (fr)
DISPOSITIF DE TRESSAGE CIRCULAIRE DE PÂTE COMMANDÉ EN PRESSION

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Application
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• AT 2019060296 W 20190911

Abstract (en)
[origin: WO2020051613A1] The invention relates to a working system (100) for working pieces of dough (5), comprising: at least one working cup (3), each working cup having an opening (31), a receiving space (32) for receiving pieces of dough (5) and a working insert (4), the working insert (4) delimiting the receiving space (32) on the side of the receiving space remote from the opening (31); an abutment (1), which is arranged opposite the opening (31) of the working cup (3); a height adjustment device (17), which is designed to reversibly, in particular mechanically, electromechanically, pneumatically or hydraulically, move the at least one working cup (3) from a starting position remote from the abutment (1) to a working position near the abutment (1); and a drive unit (18), which is designed to set the at least one working cup (3) into oscillating motion, wherein: each of the at least one working cups (3) has a pressure cylinder (7) having a pressure piston (71) that can move in the pressure cylinder; a pressure control unit (20) is provided; the pressure control unit (20) is pressure-transmittingly connected to the pressure cylinder (7); the pressure control unit (20) is designed to apply a variable pressure and/or volume to the pressure cylinder (7); and the pressure piston (71) is pressure-transmittingly connected to the working insert (4) in such a way that the force on the working insert (4) can be changed when the pressure in the pressure cylinder (7) and/or the pressure characteristic curve of the pressure control unit (20) changes.

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