

Search history

Search INV=(CARLOS LE%N MESA ESCUDERO) (Results 0)

1:

Search INV=(CARLOS MESA) (Results 1)

2:

Search PN = US9357788 (Results 1)

3:

Search fn=(55315514:75 or 14992034:60 or 63709245:40 or 46989940:40 or 29589677:40 or 29491776:40 or 23695926:40 or 22911671:40 or 57787278:35 or 57610290:35 or 56035467:35 or 53085442:35 or 52536100:35 or 52072657:35 or 44970250:35 or 34917805:35 or 32839490:35 or 32021199:35 or 15767347:35 or 14919105:35 or 11666165:35 or 8174956:35 or 71410494:30 or 70836133:30 or 70635881:30 or 70569833:30 or 70257606:30 or 70057008:30 or 69907653:30 or 69827733:30 or 69443865:30 or 69080321:30 or 68938666:30 or 68839372:30 or 68660154:30 or 68579310:30 or 68517923:30 or 68413048:30 or 68413014:30 or 68412994:30 or 68412958:30 or 67892265:30 or 67546152:30 or 67536831:30 or 67366846:30 or 67295723:30 or 67196732:30 or 67086245:30 or 66781415:30 or 66748135:30 or 66675246:30 or 66641495:30 or 66573537:30 or 66191281:30 or 66162222:30 or 66159936:30 or 65875248:30 or 65836371:30 or 65807113:30 or 65776373:30 or 65685731:30 or 65151726:30 or 65127476:30 or 64684282:30 or 64425790:30 or 64383403:30 or 64360402:30 or 64010639:30 or 63980156:30 or 63864924:30 or 63777023:30 or 63746751:30 or 63567732:30 or 63475738:30 or 63314192:30 or 63083232:30 or 63079594:30 or 62829198:30 or 62768420:30 or 62739892:30 or 62727549:30 or 62648044:30 or 62595728:30 or 62591418:30 or 62591408:30 or 62347430:30 or 62160668:30 or 61950314:30 or 61932050:30 or 61807343:30 or 61724390:30 or 61474300:30 or 61474290:30 or 60931175:30 or 60515259:30 or 60268958:30 or 60173724:30 or 59452275:30 or 59339260:30 or 59283357:30) (Results 100)

Search 4 AND (PD<20180808) (Results 98)

5:

Search (IC = A21C9/06) AND (PD<20180808) (Results 2817)

6:

Search 6 AND (FT = (rotary OR rotate#) NEAR (dis% OR platform OR plate)) (Results 169)

7:

Search 7 AND (FT = sensor OR sensing) (Results 14)

8:

Search 7 AND (FT = (mold* OR mould* OR former) NEAR (plunger OR piston OR actuat*)) (Results 6)

9:

Search RF=(NC20180008302) (Results 10)

10:

1) Family number: 1275394 (DE2943088A1)

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Title: DOUGH WORKING AND DOSING MACHINE - WHERE OIL IS FED ONTO LUMPS OF DOUGH, WHICH ARE THEN WORKED AND BAKED FOR MASS PRODN. OF BREAD ROLLS

Abstract: The machine includes a drum, which rotates stepwise and contains several rows of chambers(5) into which a dose of dough is pressed by a piston (11). The drum then rotates 90 deg so each chamber (5) passes under a nozzle, which squirts a dose of oil onto the surface of each piece(30) of dough. The drum stops so the pieces(30) are underneath a rotating plate (13), which mechanically works the pieces (30); and further rotation of the drum permits the ejection of the pieces ready for baking. Used esp for making passauer- or Rosen- brotchen, which are bread rolls with a crushed surface.

Classifications:

International (IPC 8-9): A21C5/04 A21C7/00

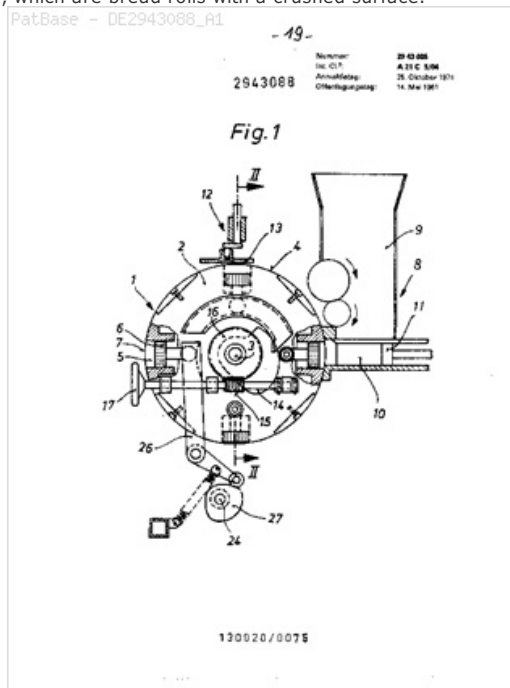
A21C9/04 (Advanced/Invention);

A21C5/00 A21C7/00 A21C9/00 (Core/Invention)

International (IPC 1-7): A21C5/04 A21C5/06 A21C9/04 A21C9/06

CPC: A21C5/04 A21C7/005 A21C9/04

European: A21C5/04 A21C7/00B A21C9/04



Family:

Publication number	Publication date	Application number	Application date
AT369956 B	19830225	AT19800005129	19801016
AT512980 A	19820715	AT19800005129	19801016
DE2943088 A1	19810514	DE19792943088	19791025
DE2943088 C2	19890309	DE19792943088	19791025

Priority:

DE19792943088 19791025

Probable Assignee: SCHROEDER EDMUND MASCHF

Assignee(s): (std): SCHROEDER EDMUND MASCHF

Assignee(s): EDMUND SCHROEDER MASCHF GMBH AND CO KG ; EDMUND SCHROEDER MASCHINENFABRIK GMBH AND CO KG ; EDMUND SCHROEDER MASCHINENFABRIK GMBH AND CO KG 8623 STAFFELSTEIN DE

Inventor(s): (std): SCHROEDER REINHARD

Inventor(s): SCHROEDER REINHARD 8623 STAFFELSTEIN DE

2) Family number: 32758385 (BRPI0501850A)

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Title: ALIMENTADOR AUTOMATICO PARA MAQUINAS FORMADORAS DE PRODUTOS RECHEADOS FEEDER AUTOMATIC MACHINES FOR STUFFED FORMATORS PRODUCT (Machine translation)

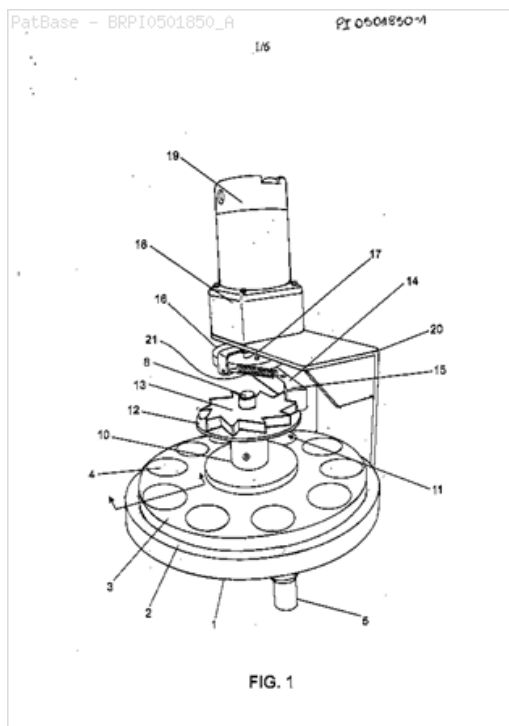
Abstract: Source: BRPI0501850A [PT] 1 • # » ss » C # ss # • y ss # ss RESUMO (alimentador automatico para maquinas formadoras de PRODUTOS RECHEADOS, endo um prato fixo (1) com diametro externo elevado (2), formando um alojamento um disco giravel (3), vazado verticalmente por um colar de furos (4), cada um deles constitui alojamento para um recheio solido, como tambem todos eles estao alinhados de modo que cada um possa passar numa posicao axialmente alinhada com um tubo vertical de alimentacao (5), cuja extremidade superior e fixada sob o referido prato fixo (1), prevendo-se para tanto um flange adaptador (6) e uma peca anelar interna (7) de material adequado, cujo furo central e algo que coincide com o diametro interno do tubo de alimentacao (5) e com cada furo (4) do pente de alimentacao na forma de disco (3) que, ainda, esta acoplado com um eixo (8), cuja extremidade inferior esta giratoriamente fixada em um mancais inferior (9) existente no centro do prato fixo (1), enquanto a extremidade superior esta solidariamente interligada com o dito disco de alimentacao (5) atraves de um cubo com flange superior (10), acima do qual a ponta do eixo (8) recebe um sistema de catraca (11), formado por um disco (12) e, sobre este, uma engrenagem (13), ambos solidarios ao dito eixo (8) e, ainda, esta catraca e acionada por um braco em forma de biela (14), tendo uma extremidade na forma de dente (15) que se entrosa e desentrosa com os dentes da engrenagem (13), enquanto a sua outra extremidade esta excentricamente fixada em um volante acionador (16) que, por sua vez, e giratoriamente montado na extremidade inferior do eixo de saida (17) de um redutor (18) e respectivo motor electrico (19), estes dois ultimos montados verticalmente sobre uma estrutura de chapa ordinariamente em "U" deitado (20), cuja parte inferior fixa tambem o prato fixo (1), como tambem na parte superior de tal suporte encontra-se fixada a extremidade de uma mola (21), cuja outra extremidade esta fixada na parte mediana do braco em forma de biela (14), de modo que o seu dente (15) possa ser mantido normalmente pressionado contra os dentes da engrenagem (13). **Machine translation:** 1 • # » ss » C # ss # • y ss # ss SUMMARY (automatic feeder for forming machine tools PRODUCTS STUFFED, endo a fixed plate (1) with high external diameter (2), forming a housing one rotatable disc (3), leaked vertically a puncture collar (4), each of which is housing for a solid filling, and also they are all aligned so that each can spend an axially aligned position with a vertical tube feeding (5), the upper end and fixed under the said fixed plate (1) and is expected to either a flange adapter (6) and an inner annular piece (7) of suitable material, whose central hole and something that matches the internal diameter of the feeding tube (5) and each hole (4) of the feeding comb as drive (3) also is coupled with a shaft (8), whose lower end is pivotally fixed to a lower bearing (9) on the center of the fixed plate (1), while the upper end is integrally connected with said power drive (5) through a cube with upper flange (10), above which the shaft end (8) receives a ratchet system (11), formed by a disc (12) and, on this, a gear (13), both solidary to said shaft (8) and, furthermore, this ratchet and driven by an arm-shaped rod (14) having an end in the form tooth (15) which is enmeshed and desentrosa with the gear teeth (13), while its other end is eccentrically fixed on a steering actuator (16) which, in turn, and pivotally mounted at the lower end of the output shaft (17) a gear unit (18) and its electric motor (19), these two mounted last vertically over a plate structure ordinarily in a "U" lying down (20) whose flat bottom also the fixed plate (1) as also in the upper part of such a support is fixed to the end of a spring (21) whose other end is fixed to the median part of the arm-shaped rod (14) so that its tooth (15) can be maintained normally pressed against the gear teeth (13).

Classifications:

International (IPC 8-9): A21C9/06 (Advanced/Invention);

A21C9/00 (Core/Invention)

International (IPC 1-7): A21C9/06



Family:

Publication number	Publication date	Application number	Application date
BRPI0501850 A	20060221	BR2005PI01850	20050512

Priority:

BR2005PI01850 20050512

Probable Assignee:

POLETO BEATRIZ

Assignee(s): (std):

POLETO BEATRIZ

Assignee(s):

BEATRIZ POLETO

Inventor(s): (std):

POLETO BEATRIZ

Inventor(s):

BEATRIZ POLETO

3) Family number: 3823828 (US4388059A)

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Title: Automatic egg roll making machine

Abstract: An apparatus for automatically making egg rolls comprises an intermittently moving transmitting device and a plurality of forming assemblies on the transmitting device. Each forming assembly includes folding devices for folding three side portions of an egg roll dough and a mold device for receiving a part of the egg roll dough and an egg roll stuffing therein. The apparatus further comprises a device for feeding the egg roll dough successively on each forming assembly, a device for supplying the egg roll stuffing on the egg roll dough, a device for actuating the folding means of the forming assembly to fold three side portions of the egg roll dough over the stuffing in the mold device to thereby form a partially folded egg roll, and a device for wrapping the partially folded egg roll to form a cylindrical egg roll product. In the supplying device, the necessary amount of the stuffing to be disposed in one egg roll product is prepared, and the stuffing is put into the mold device to deposit the stuffing and a part of the egg roll dough therein. In the wrapping device, the stuffing portion in the mold device is pushed up therefrom and is turned for wrapping the remaining side portion of the egg roll dough. Thereafter, the wrapped product is transferred.

Classifications:

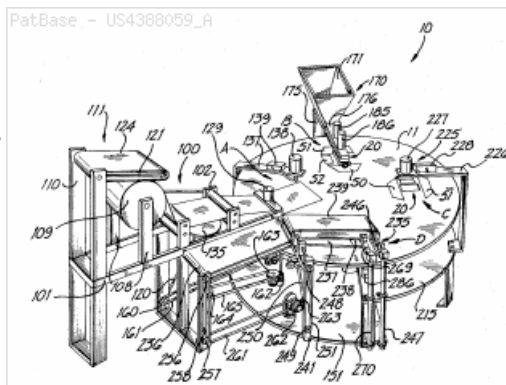
International (IPC 8-9): A21C9/04 A21C9/06 (Advanced/Invention); A21C9/00 (Core/Invention)

International (IPC 1-7): A23P1/00 B29D3/00

CPC: A21C9/04 A21C9/063

European: A21C9/04 A21C9/06C

US: 425/112 425/113 425/117 425/125 425/126.1 425/126R 425/127 425/296 425/297 425/301 425/305.1 425/308 425/324.1 425/391 99/450.6 99/450.7



Family:

Publication number	Publication date	Application number	Application date
US4388059 A	19830614	US19810325792	19811130

Priority:

US19810325792 19811130

Probable Assignee:

MA KWOK C

Assignee(s): (std):

MA KWOK C

Inventor(s): (std):

MA KWOK C

4) Family number: 4916984 (US5012726A)

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Title: Food production apparatus, the production of food and novel food product

Abstract: A novel food production apparatus is provided herein. It includes a supporting frame structure, and a conveyor system supported thereon, the conveyor system passing a plurality of work stations. Intermittent moving mechanisms are provided for intermittently moving the conveyor system from one work station to the next work station downstream therefrom. A dough sheet feeding mechanism is provided for intermittently loading a square sheet of dough at a diamond orientation onto the conveyor system while the conveyor system is stationary. At least one foodstuff loading mechanism is provided at one work station downstream from the dough sheet feeding mechanism to load foodstuff onto the sheet of dough while the conveyor system is stationary. A folding mechanism is provided at another work station downstream therefrom, to provide a substantially-hexagonally-shaped, loaded, overlapped-folded, sheet of dough, while the conveyor system is stationary. A rolling mechanism is provided at another work station downstream therefrom to provide a generally-cylindrical, overlapped-folded, loaded, rolled dough product, while the conveyor system is stationary. Discharge mechanisms are provided for discharging the generally-cylindrical, overlapped-folded, loaded rolled dough product from the conveyor system. Finally, controls are provided to synchronize the intermittent movement of the conveyor system with the sequential operation of all the above-described mechanisms. This provides a novel finger roll comprising a generally-cylindrical, overlapped-folded, loaded, rolled, edible dough food product.

Classifications:

International (IPC 8-9): A21C11/00 A21C11/10 A21C11/16

A21C9/00 A21C9/06 (Advanced/Invention);

A21C11/00 A21C9/00 (Core/Invention)

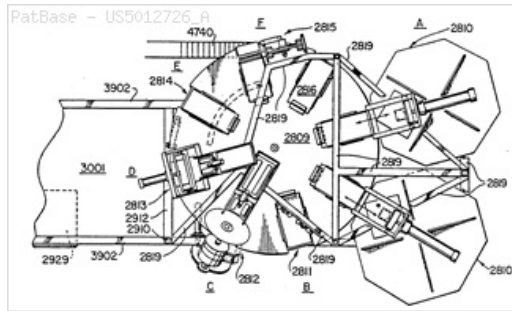
International (IPC 1-7): A21C11/00 A21C3/02 A21C9/00 A23L1/322

A23P1/00 A23P1/08

CPC: A21C9/063 A21C11/10 A21C11/16

European: A21C11/10 A21C11/16 A21C9/06C

US: 426/283 426/502 426/94 99/450.6 99/450.7 99/494



Family:

Publication number	Publication date	Application number	Application date
CA1260318 A1	19890926	CA19880571001	19880630
CA1266800 A1	19900320	CA19890591682	19890221
US5012726 A	19910507	US19890436768	19891115
US5085138 A	19920204	US19910668242	19910312
US5190780 A	19930302	US19910691690	19910425

Priority:

CA19880571001 19880630 CA19890591682 19890221 US19890337638 19890413
US19890436768 19891115 US19910691690 19910425

Probable Assignee: CHONG JOSEPH

Assignee(s): (std): CHONG JOSEPH ; FEHR AMOS

Inventor(s): (std): CHONG JOSEPH ; FEHR AMOS

Agent(s): MCFADDEN FINCHAM; OSLER HOSKIN AND HARCOURT LLP

5) Family number: 5116906 (US4615076A)

© PatBase

Title: Kneaded food molding apparatus of the rotary type

Abstract: A kneaded food molding apparatus of the rotary type comprising a rotary plate to which a plurality of molding devices are attached, a stationary shaft to which the rotary plate is secured in a manner rotatable around the center of the rotary plate, a drive mechanism for intermittently rotating the rotary plate, and an actuating mechanism for actuating the molding device, the actuating mechanism being mounted to a fan-shape support plate located above the rotary plate and secured to the stationary shaft. According to the intermittent rotation of the rotary plate, the actuating mechanism actuates the molding device to automatically and continuously mold kneading food, such as hamburgers or croquettes, without lack or sticking of portions of the kneaded food to the molding device.

Classifications:

International (ipc 8-9): A21C11/10 A21D8/00 A22C7/00 A23L1/327 A23L1/39 A23L1/48 A23P1/10 (Advanced/Invention);

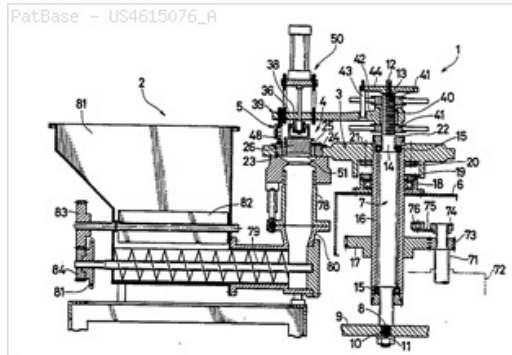
A21C11/00 A21D8/00 A22C7/00 A23L1/327 A23L1/39 A23L1/48 A23P1/10 (Core/Invention)

International (ipc 1-7): A21C9/06 A21D8/00 A22C7/00 A23L1/327 A23L1/34 A23L1/39 A23P1/00

CPC: A22C7/00

European: A22C7/00

US: 17/32 425/420 425/424 425/556 425/576 426/513



Family:

Publication number	Publication date	Application number	Application date
JP1458248 C3	19880928	JP19820105851	19820618
JP58220678 A2	19831222	JP19820105851	19820618
JP62043660 B4	19870916	JP19820105851	19820618
US4615076 A	19861007	US19850689961	19850109

Priority:

JP19820105851 19820618 US19830482717 19830407

Probable Assignee: SUN PLANT IND

Assignee(s): (std): SUN PLANT IND

Assignee(s): SUN PLANT INDUSTRY CO ; SUN PLANT INDUSTRY CO LTD ; SAN PLANT KOGYO KK

Inventor(s): (std): SHIMOKAWA KATSUSUKE

6) Family number: 53503409 (TW201424590A)

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Title: DEVICE AND METHOD FOR FILLING STUFFING INTO FLOUR DOUGH AND SEALING FLOUR DOUGH

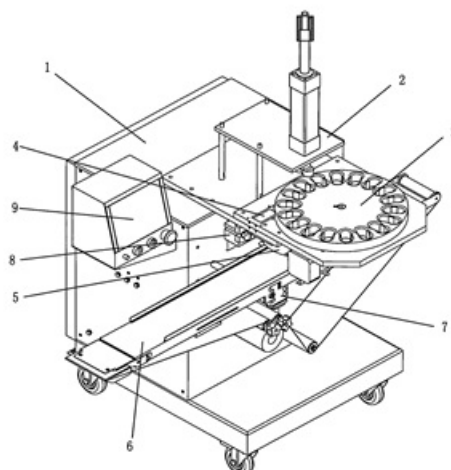
Abstract: The invention discloses a device for filling stuffing into flour dough and sealing the flour dough. The device comprises a rack, wherein the rack is longitudinally provided with a filling device, a material rotating disk, a material opening and closing switch, a sealing package pinching cutter device, a delivery device and a flour dough height regulating device in sequence; the material rotating disk, the material opening and closing switch and the sealing package pinching cutter device

are provided with material channels; and a driving device controls lifting motion and synchronous on and off of the sealing package pinching cutter device, and lifting motion of the flour dough height regulating device. According to a method for filling the stuffing into the flour dough and sealing the flour dough, the driving device controls the connection and coordination of lifting of the sealing package pinching cutter device, opening and closing of each blade, rotary feeding of the material rotating disk and filling of an air cylinder accurately. With the adoption of the device and the method, stuffing filling and sealing of the flour dough can be integrally completed at a stage, the sealing is completed by synchronized actions of upper sealing of the flour dough and fixing of the outer diameter of the lower part, the forming quality of a product can be ensured, and the production cost is reduced.

Classifications:

International (IPC 8-9): A21C5/00 A21C9/06 (Advanced/Invention)

PatBase - TW201424590_A



第 1 圖

Family:

Publication number	Publication date	Application number	Application date
CN103027084 A	20130410	CN201210588471	20121229
CN103027084 B	20141210	CN201210588471	20121229
TW201424590 A	20140701	TW20130106903	20130227
TWI491359 B	20150711	TW20130106903	20130227

Priority:

CN201210588471 20121229

Probable Assignee: YANG JENQ MACHINERY WUXI CO LTD

Assignee(s): (std): YANG JENQ MACHINERY CO LTD ; YANG JENQ MACHINERY WUXI CO LTD

Assignee(s): YANG JENQ MACHINERY CO ; YANG JENQ MACHINERY WUXI CO

Inventor(s): (std): HUANG LIANFU ; HUANG LIAN FU

7) Family number: 55315514 (US2015079243A)

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Title: AUTOMATIC ROTARY MACHINE FOR THE PRODUCTION OF EMPANADAS

Abstract: The invention relates to an automatic rotary machine for the production of empanadas, comprising a circular rotary plate on which the empanadas are produced, actuated by a motor reducer and with pneumatic, hydraulic or other type means in the different production phases, such as dough metering, flattening, filling, molding, flattening and cutting. The invention includes a dough flattening disk and a folding system comprising two retractable half-moons actuated by pivot levers.

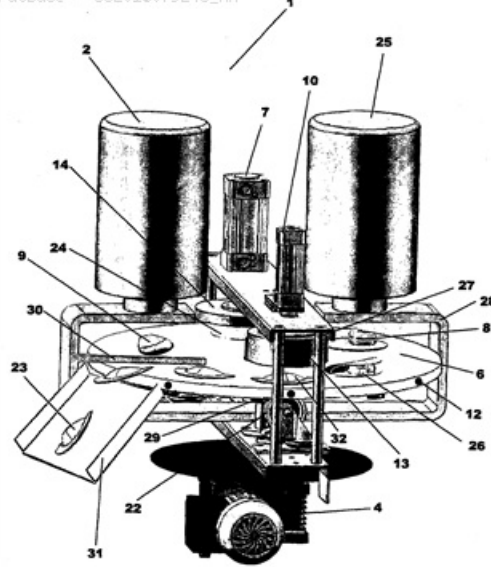
Classifications:

International (IPC 8-9): A21C9/06 A21D6/00 (Advanced/Invention)

CPC: A21D6/00 A21C9/063

US: 1/1 426/231 99/486

PatBase - US2015079243_AA



Family:

Publication number	Publication date	Application number	Application date
US2015079243 AA	20150319	US20130368509	20130529
US2016316768 AA	20161103	US20160173620	20160604
US9357788 BB	20160607	US20130368509	20130529
WO13179108 A1	20131205	WO2013IB00730	20130529

Priority:

CO20120088978 20120529 WO2013IB00730 20130529 US20140368509 20140625
US20160173620 20160604

Probable Assignee: MAQUINAEMPANADAS SAS

Assignee(s): (std): EMMA EUGENIA MESA AREAS MAQUIEMPANADAS SAS ; MESA AREAS EMMA EUGENIA ; MESA ESCUDEROS CARLOS LEON

Assignee(s): MAQUINAEMPANADAS SAS

Inventor(s): (std): MESA ESCUDEROS CARLOS LEON ; MESA AREAS EMMA EUGENIA

Agent(s): LUIS

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

8) Family number: 62852259 (CN105724508A)

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Title: COMPACT STUFFED FOOD SHAPING MACHINE

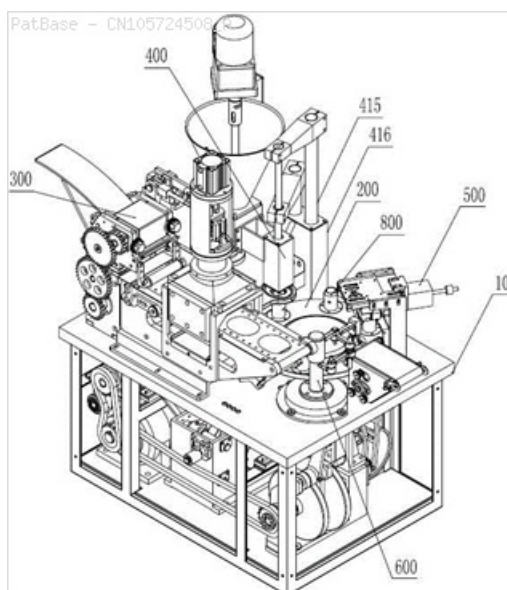
Abstract: The invention belongs to the technical field of food processing and in particular relates to a compact stuffed food shaping machine. The shaping machine comprises a rack and a station turntable arranged on the rack, wherein a wrapper making device, a stuffing device, a laminating device and a discharge device are respectively arranged around the station turntable; a wrapper making station is arranged on the wrapper making device; a stuffing station is arranged on the stuffing device; a laminating station is arranged on the laminating device; a discharge station is arranged on the discharge device; a split shaping mold is also arranged on the rack and comprises a rotary wrapper receiving plate and mold cups, which are independent of each other. The compact stuffed food shaping machine can achieve immediate cooking of stuffed food and reduction of transport and circulation links, can avoid freezing, enables the taste of the stuffed food to be closer to the tastes of traditional hand-made dumplings and are applicable to the food and beverage industry, farmers' markets, dining halls of enterprises, organs and organizations, and the like.

Classifications:

International (ipc 8-9): A21C3/02 A21C3/10 A21C9/06

A21C9/08 (Advanced/Invention)

CPC: A21C9/066 A21C3/024 A21C3/10 A21C9/08



Family:

Publication number	Publication date	Application number	Application date
CN105724508 A	20160706	CN201610274861	20160428
CN105724508 B	20180904	CN201610274861	20160428

Priority:

CN201610274861 20160428

Probable Assignee: CHENGDU SOONTRU MECH EQUIPMENT CO LTD

Assignee(s): (std): CHENGDU SOONTRU MECH EQUIPMENT CO LTD

Assignee(s): CHENGDU SOONTRU MECHANICAL EQUIPMENT CO ; CHENGDU MATSUKAWA LEIBO MACHINERY CO LTD

Inventor(s): (std): ZHOU LI ; PENG TAO

9) Family number: 6637179 (JP59059147A)

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Title: MACHINE FOR FORMING AND CUTTING OF FOOD WRAPPING

Abstract: PURPOSE: To enable the clear forming and cutting of the wrapping of a food, by supporting a pair of freely rotatable vertical forming and cutting rollers on a cam plate to contact or separate said rollers, connecting said cam plate to a

Classifications:
International (IPC 8-9): A21C11/00 A21C9/06 A23G3/20
A23P1/08 (Advanced/Invention);
A21C11/00 A21C9/00 A23G3/02 A23P1/08 (Core/Invention)
International (IPC 1-7): A21C11/00 A21C9/06 A23G3/20 A23P1/08

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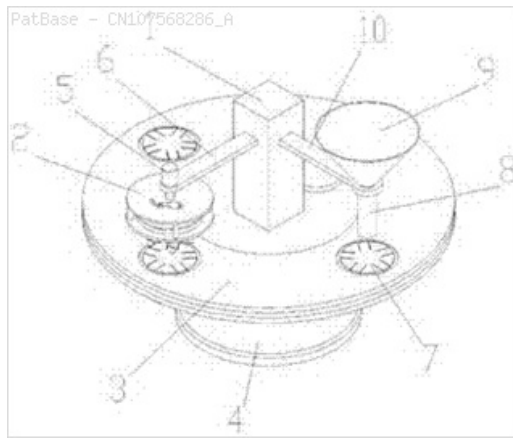
Publication number	Publication date	Application number	Application date
JP1725239 C3	19930119	JP19820168732	19820928
JP4012935 B4	19920306	JP19820168732	19820928
JP59059147 A2	19840404	JP19820168732	19820928

JP19820168732 19820928

Probable Assignee:	KAJIWARA KOGYO
Assignee(s): (std):	KAJIWARA KOGYO
Assignee(s):	KAJIWARA KOGYO KK
Inventor(s): (std):	KAJIWARA TOKUJI

Abstract: The present invention relates to a manufacture device of steamed stuffed buns. The manufacture device is provided with four stations of a skin placing station, a stuffing station, a pinching and folding station and a finished product station. Steamed stuffed bun skin placing plates are all arranged on a rotary plate corresponding to each of the station, the rotary plate can rotate among the four stations, the pinching and folding station is provided with a pinching and folding mechanical arm, the pinching and folding mechanical arm comprises an upper plate, an intermediate plate, a lower plate and five fingers, the upper plate, lower plate and intermediate plate are concentrically arranged, the upper plate and lower plate are fixedly connected via four connecting columns in a radial direction outside, the intermediate plate is connected with the lower plate through an outside thrust bearing, the intermediate plate can rotate relative to the lower plate, five chutes are evenly arranged on the lower plate, five radial straight grooves are evenly arranged on the intermediate plate, a radial length of the chutes and straight grooves is the same, outer ends and inner ends of the chutes are circumferentially inclined, the chutes and straight grooves are gathered in a radial direction inside to a vicinity of centers of the lower plate and intermediate plate, each of the fingers passes through one of the straight grooves and one of the chutes, and can slide along the pass-through straight groove and chute to change radial and axial positions, and actions of the five fingers simulates actions of human fingers to pinch out with beautiful folds.

Classifications:
International (IPC 8-9): A21C9/06 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
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