

Diego Cardenas

Search history

Search 1: PD<20120209 and IC=(A47J) (Results 100000)
Search 2: TAC=((apparatu* OR machin* OR device*) AND (maki* OR make* OR prepar* OR cook* OR boil*) AND (coffee OR beverage*)) (Results 21081)
Search 3: 1 and 2 (Results 7944)
Search 4: 3 and (tank AND heath* AND brew* AND chamber AND pump AND (capsule OR pod)) (Results 0)
Search 5: TAC=((tank AND heath* AND brew* AND chamber AND pump AND (capsule OR pod))) (Results 0)
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Search 11: 10 and 3 (Results 4)
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Search 13: 3 and (tank) (Results 1174)
Search 14: 13 and (heath*) (Results 0)
Search 15: 13 and (heat*) (Results 856)
Search 16: 3 and (tank and (top OR cover OR cap)) (Results 440)
Search 17: 16 and (heat*) (Results 328)
Search 18: 17 and (pump OR solenoid) AND valve (Results 81)
Search 19: 18 and (brew*) (Results 38)

Title: APPARATUS FOR MAKING BREWED COFFEE AND THE LIKE

Abstract: Source: US2005160918A An apparatus for brewing ground, brewable foodstuffs having a water reservoir, a boiler, and a flow meter all connected in a common fluid path with a pump that produces a fluid pressure in the common fluid path. A pod holder capable of receiving a pod formed of filter material and containing a mass of ground, brewable foodstuffs having a sieved bottom is located so as to receive the metered volume of water from the common fluid path. In turn, an interchangeable or pivotally mounted fluid conduit is positioned to receive fluid passing through the sieved bottom and to convey the fluid into one or more cups. With this apparatus a small quantity of a brewed liquid, such as coffee, can be produced in a relatively short brewing period with a pleasing taste profile. The fluid pressure may also be adjusted so as to enhance the creation of a crema layer in a coffee drink.

Classifications:

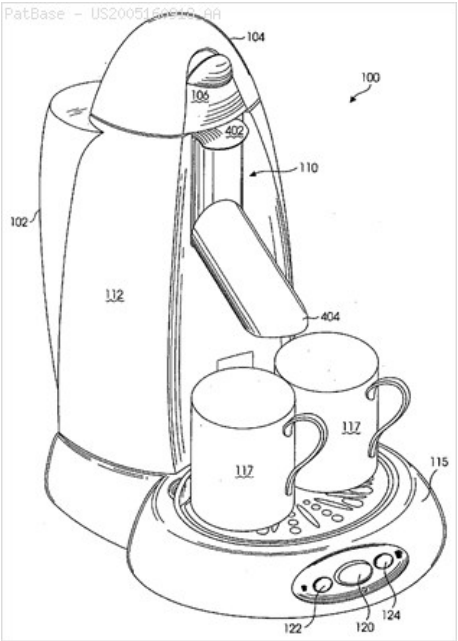
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CPC: A47J31/34 A47J31/36 A47J31/368 A47J31/46 A47J31/465

European: A47J31/34 A47J31/36 A47J31/36B4B A47J31/40B A47J31/40H A47J31/46 A47J31/46S2

US: 99/279 99/279P



Family:

Publication number	Publication date	Application number	Application date
AU2004235780 AA	20041118	AU20040235780	20040503
AU2010202827 AA	20100722	AU20100202827	20100705
BRPI0409864 A	20060516	BR2004PI09864	20040503
CA2527978 AA	20051201	CA20042527978	20040503
EP1638434 A1	20060329	EP20040751214	20040503
HK1090265 A3	20061222	HK20060110643	20060925
US2005160918 AA	20050728	US20040985422	20041111
WO04098360 A1	20041118	WO2004US13725	20040503
WO04099035 A1	20041118	WO2004US13491	20040503
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Priority:

US20030468115P 20030502 AU20040235780 20040503 WO2004US13725 20040503
US20040985422 20041111 AU20100202827 20100705

Probable Assignee: SALTON INC

Assignee(s): (std): SALTON ; ROSSI GIAMPIERO ; SMITH BERRY HOLLY ; WINSTANLEY PETER

Assignee(s): BANK OF NEW YORK AS ADMINISTRATIVE AND COLLATERAL AGENT ; TOASTMASTER INC ; WELLS FARGO FOOTHILL INC ; SONEX INT CORP ; WELLS FARGO FOOTHILL INC COLLATERAL AGENT AS ; SALTON TOASTMASTER LOGISTICS LLC ; HOME CREATIONS DIRECT LTD ; SONEX INT ; ICEBOX LLC ; SALTON HOLDINGS INC ; FAMILY PRODUCTS INC ; HARBINGER CAPITAL PARTNERS MASTER FUND I LTD ; HP INTELLECTUAL CORP ; APPLICA CONSUMER PRODUCTS INC ; APPLICA INC ; BANK OF AMERICA NA ; BANK OF AMERICA NA AGENT AS ; BANK OF NEW YORK ; BANK OF NEW YORK (AS ADMINISTRATIVE AND COLLATERAL ; BANK OF NEW YORK (AS ADMINISTRATIVE AND COLLATERAL AGENT) ; SALTON INC

Inventor(s): (std): ROSSI GIAMPIERO ; SMITH BERRY HOLLY ; WINSTANLEY PETER ; PETER WINSTANLEY ; GIAMPIERO ROSSI

Agent(s): GRIFFITH HACK; FINLAYSON AND SINGLEHURST; SONNENSCHN NATH AND ROSENTHAL LLP

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

Title: MULTI-FUNCTION COFFEE MAKER AND USE THEREOF

Abstract: Source: US2004244599A This invention discloses a multi-function coffee maker comprising: a casing, a cover assembly with a brewing room inside, a water reservoir, a water pump, an electric heater, a water distributor assembly, a control valve assembly and a base assembly, wherein, said coffee maker further comprises more than one brewing accessory, which may be either an espresso coffee brewing accessory, or a drip coffee brewing accessory, or a tea brewing accessory; said brewing accessories are interchangeable and can be loaded within said brewing room of said cover assembly to form an individual brewing chamber; said water reservoir assembly, water pump, water distributor assembly, control valve assembly and brewing chamber construct the water loop of said coffee maker, water flow of different pressures may be generated within said water loop, and water flow of suitable pressure is provided into said brewing chamber according to the brewing requirements. According to the present invention, drip coffee, or espresso coffee, hot tea or ice tea may be brewed in the same coffee machine.

Classifications:

International (IPC 8-9): A47J31/00 A47J31/02 A47J31/06 A47J31/10 A47J31/36

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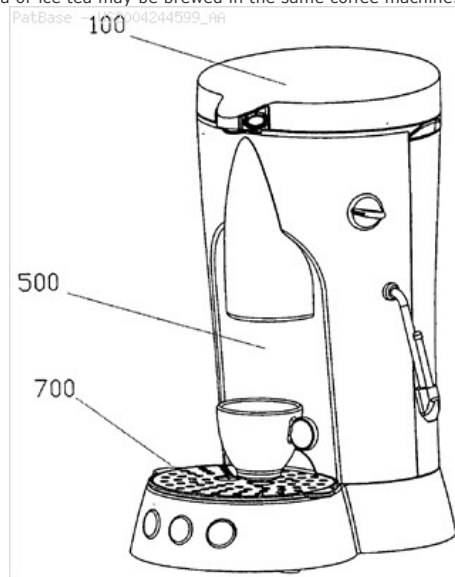
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European: A47J31/06C A47J31/06E A47J31/06P4B A47J31/06P4D A47J31/36

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US: 99/279 99/280 99/281 99/295



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Priority:

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CA20042467617 20040519

Probable Assignee: TOPTECHNOLOGY CO LTD

Assignee(s): (std): TOPTECHNOLOGY CO LTD ; WEI KUN LIAN ; WEI KUNLIAN

Assignee(s): KUN LIAN WEI ; TOPTECHNOLOGY CO

Inventor(s): (std): KUN LIAN WEI ; KUNLIAN WEI ; WEI KUN LIAN ; WEI KUNLIAN ; WEI KUN IIAN

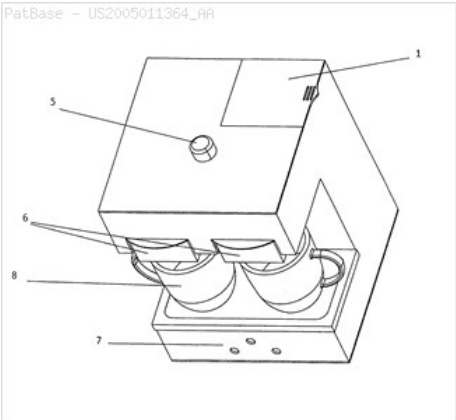
Agent(s): SADIK ACHMED N; INNOVATE LLP; AROS PATENT AB; CARSTENS AND CAHOON LLP

Title: HOT BEVERAGE MACHINE

Abstract: Source: US2005011364A A multifunctional beverage machine designed for automatically making various kinds of hot drinks, such as coffee, tea, hot chocolate or soups, and incorporates an advanced microprocessor control system such that multifunctional appliance operation can be easily be achieved via a one-touch button. The multifunctional beverage machine may include a removable water tank can hold a sufficient capacity of water so that the machine can make many cups of various drinks without refill. In addition, the multifunctional beverage machine has two or more independent brewing chambers installed in the machine allowing it to make different kinds or different combination of drinks in one operation.

Classifications:

International (IPC 8-9): A47J31/00 A47J31/057 A47J31/06 A47J31/46 A47J31/52 A47J31/54 B67D1/08 B67D3/00 (Advanced/Invention); A47J31/00 A47J31/04 A47J31/06 A47J31/44 B67D1/00 B67D3/00 (Core/Invention)
International (IPC 1-7): A23L1/00 A47J A47J31/00 A47J31/057 A47J31/06 A47J31/10 A47J31/44 B67D1/08 B67D3/00
CPC: A47J31/46 A47J31/465 A47J31/52 A47J31/545 A47J2201/00
European: A47J31/46 A47J31/46S2 A47J31/52 A47J31/54A1 K47J201/00
US: 99/275 99/275P 99/284 99/290 99/291 99/300 99/305 992/910



Family:

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Priority:

US20030622789 20030718 CA20042475099 20040716

Probable Assignee: ELECTRICAL AND ELECTRONICS LTD

Assignee(s): (std): ELECTRICAL AND ELECTRONICS LTD

Assignee(s): LUI KWAN FAI ; CHEN ANDREW YUEN CHIN ; ELECTRICAL AND ELECTRONICS LIMITED

Inventor(s): (std): CHEN ANDREW YUEN CHIN ; CHEN YUEN C A ; CHEN YUEN CHIN ANDREW ; KWAN FAI LUI ; LUI KWAN FAI ; YUEN CHIN ANDREW CHEN

Inventor(s): LUI KWAN ; CHEN YUEN CA ; CHEN YUEN CHIN

Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; NELLIGAN O BRIEN PAYNE LLP; ALIX YALE AND RISTAS LLP

Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Title: SYSTEM FOR DISPENSING METERED VOLUMES OF HEATED WATER TO THE BREW CHAMBER OF A SINGLE SERVE BEVERAGE BREWER

Abstract: Source: US2005126401A A system for dispensing a metered volume of heated water to the brew chamber of a single serve beverage dispenser. The system includes a storage tank for containing a supply of unheated water and a dispensing tank. A delivery line communicates with the brew chamber and with the dispensing tank at an intermediate level demarcating the interior of dispensing tank into upper and lower compartment. The volume of the upper compartment is equal to the metered volume. A vent valve communicates via a vent line with the upper compartment. A supply line connects the storage tank to the lower compartment. An air pump is arranged to deliver pressurized air to the upper compartment. A water pump in the supply line is arranged to deliver water from the storage tank to the lower compartment. A heater for heating water received in the dispensing tank. A sensing mechanism for generating control signals indicative of the level and temperature of water in the dispensing tank. A controller enabled by control signals generated by the sensing means and operative in response to a brew signal for operating the air and water pumps in conjunction with the opening and closure of the vent valve to fill the upper compartment with heated water displaced from the lower compartment and to discharge the thus displaced heated water from the upper compartment to the brew chamber.

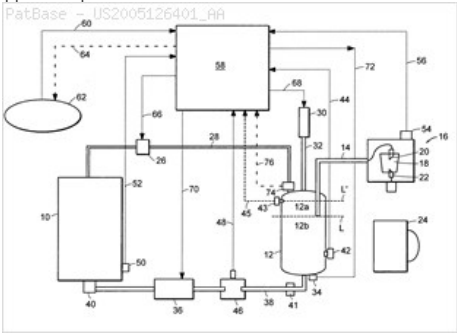
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CPC: A47J31/32 A47J31/402 A47J31/56

European: A47J31/32 A47J31/40D A47J31/56

US: 99/279 99/280 99/283 99/300 99/302R 99/305



Family:

Publication number	Publication date	Application number	Application date
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AU2004305012 AA	20050707	AU20040305012	20041207
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CA2550111 AA	20060608	CA20042550111	20041207
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CN100569156 C	20091216	CN200480040540	20041207
CN1913811 A	20070214	CN200480040540	20041207
DE602004012148 D1	20080410	DE200460012148T	20041207
DE602004012148 T2	20090219	DE200460012148T	20041207
EP1694181 A1	20060830	EP20040813363	20041207
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HK1099498 A3	20070817	HK20070102263	20070228
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MY137207 A	20090130	MY20040005111	20041210
NZ548239 A	20090430	NZ20040548239	20041207
TH71777 A	20051103	TH20041004921	20011209
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Priority:

US20030734657 20031212 US20040832474 20040426 US20040005161 20041206
WO2004US41037 20041207

Probable Assignee: KEURIG GREEN MOUNTAIN INC

Assignee(s): (std): STREETER RICHARD B ; LAZARIS NICHOLAS G ; SQUIRES CHARLES F ; KEURIG INC ; JACOBS WILLIAM T

Assignee(s): KEURIG GREEN MOUNTAIN INC ; KEURIG INC101 EDGEWATER DRIVEWAKEFIELDMA01880US ; KEURIG GREEN MOUNTAIN INC33 COFFEE LANEWATERBURYVT05676-8900US ; BANK OF AMERICA NA ; BANK OF AMERICA NA ADMINISTRATIVE AGENT AS ; GREEN MOUNTAIN COFFEE ROASTERS INC ; GREEN MOUNTAIN COFFEE ROASTERS INC33 COFFEE LANEWATERBURYVT05676US

Inventor(s): (std): LAZARIS NICHOLAS G ; JACOBS WILLIAM T ; SQUIRES CHARLES F ; STREETER RICHARD B ; STREETER RICHARD B JACOBS WILL ; SQUIRES CHARLES ; LAZARIS NICHOLAS ; JACOBS WILLIAM

Inventor(s): CHARLES F SQUIRES ; STREETER RICHARD B JACOBS WILLIAM T LAZARIS NICHOL ; STREETER RICHARD BUS ; WILLIAM T JACOBS ; STREETER RICHARD ; SQUIRES CHARLES FUS ; JACOBS WILLIAM TUS ; LAZARIS NICHOLAS GUS ; NICHOLAS G LAZARIS ; RICHARD B STREETER

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; FETHERSTONHAUGH AND CO; ROBIC; AJELLO MICHAEL JOHN ET AL; WOLF GREENFIELD AND SACKS PC, FEDERAL RESERVE PLAZA; WOLF GREENFIELD AND SACKS PC FEDERAL RESERVE PLAZA; ARLENE J POWERS GAUTHIER AND CONNORS LLP; WOLF GREENFIELD AND SACKS PC

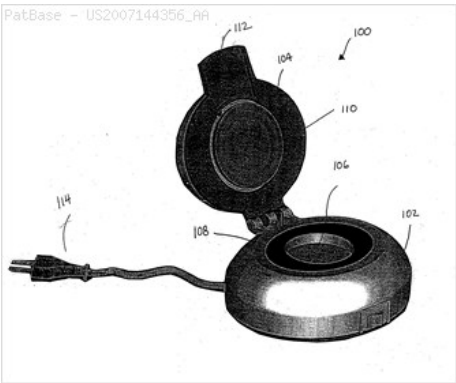
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Title: PACKAGE ASSEMBLY FOR FORMING BEVERAGE PODS

Abstract: Source: US2007144356A A compact and lightweight personal pod making system is provided. The pod making system has a base for receiving a pod packaging material and a sealing tool pivotably connected to the base. The system can be used at home, in the office and even outdoors. A pod package assembly that can be used in conjunction with the personal pod making system is also provided. The pod package assembly can include a cup-like holder that is hingedly connected to a cover so that it is relatively easy for users to align the cover when sealing the pod.

Classifications:

International (IPC 8-9): A23F5/26 A23G1/10 A47G19/16 A47J31/00 A47J31/02 A47J31/04 A47J31/047 A47J31/057 A47J31/06 A47J31/10 A47J31/36 A47J31/40 A47J31/44 A47J31/46 B30B1/00 B31B1/74 B65B29/02 B65D3/02 B65D81/34 B65D85/804 B65D85/808 (Advanced/Invention); B65B29/02 B65D85/00 (Advanced/Non-invention); A47G19/00 A47J31/06 B65B29/00 B65D81/34 B65D85/804 (Core/Invention); B65D85/00 (Core/Non-invention); A47J (Subclass/Invention)
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US: 100/211 100/227 100/228 100/265 100/268 206/0.5 229/404 426/431 426/433 426/77 493/84 53/467 99/111 99/112 99/113 99/115 99/119 99/281 99/281P 99/285 99/286 99/287 99/287P 99/288 99/288S 99/289R 99/290 99/295 99/295S 99/300 99/302P 99/316 99/320 R 99/320R 99/323 99/394 99/77 99/84



Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: ARM ENTPR INC

Assignee(s): (std): ARM ENTPR ; RIVERA ADRIAN ; ARM ENTPR INC ; ADRIAN RIVERA

Assignee(s): ARM ENTERPRISES ; ARM ENTERPRISES INC

Inventor(s): (std): ADRIAN RIVERA ; RIVERA ADRIAN

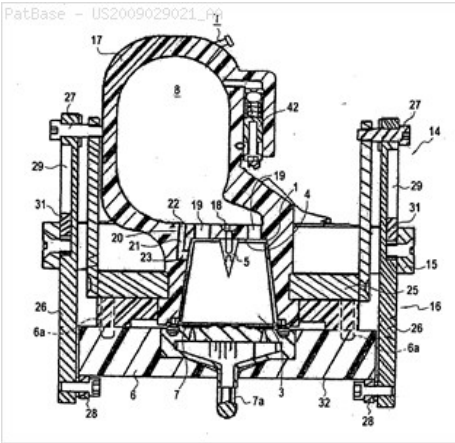
Agent(s): BORDEN LADNER GERVAIS LLP; PUCHBERGER PETER ET AL; PUCHBERGER PETER; NORDIC PATENT SERVICE A S; KNOBBE MARTENS OLSON AND BEAR LLP; KENNETH L; IP STRATEGIES; AVERILL AND GREEN; GREEN KENNETH

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ 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 LI 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 PE PG PH PL

Title: APPLIANCE FOR BREWING AN INFUSION OF COFFEE OR TEA

Abstract: Source: US2009029021A The invention relates to an appliance comprising a water tank, a housing including a chamber having an opening for receiving a fill of brew preparation, a chamber closure part having an outflow orifice and mounted to move between an open position and a closed position; means connected to the tank to act during a brewing cycle to deliver a certain volume of water raised to a brewing temperature, from said tank to said chamber. According to the invention, the appliance essentially consists in a portable structure comprising a head containing at least one chamber, a body including at least handle means making it possible, during the brewing cycle, to place the outflow orifice facing down towards a cup.

Classifications:
International (IPC 8-9): A23F3/00 A47J31/00 A47J31/30 A47J31/32 A47J31/40 A47J31/44 A47J31/54 (Advanced/Invention); A23F3/00 A47J31/00 A47J31/24 A47J31/40 A47J31/44 (Core/Invention)
CPC: A47J31/005 A47J31/32
European: A47J31/00P A47J31/32 A47J31/40B A47J31/40H
US: 426/433 426/433P 99/279 99/279S 99/295 99/295S 99/302.00R 99/302.00RS 99/302R 99/323



Family:

Publication number	Publication date	Application number	Application date
AT507749 E	20110515	AT20070731542T	20070131
AU2007211348 AA	20070809	AU20070211348	20070131
AU2007211348 BB	20120712	AU20070211348	20070131
CN101378685 A	20090304	CN200780004195	20070131
CN101378685 B	20120905	CN200780004195	20070131
DE602007014321 D1	20110616	DE200760014321T	20070131
EP1978853 A1	20081015	EP20070731542	20070131
EP1978853 B1	20110504	EP20070731542	20070131
ES2365986 T3	20111014	ES20070731542T	20070131
FR2896676 A1	20070803	FR20060000910	20060201
FR2896676 B1	20110701	FR20060000910	20060201
JP2009525104 T2	20090709	JP20080552862T	20070131
JP4923063 B2	20120425	JP20080552862	20070131
KR101415721 B1	20140708	KR20087019053	20070131
KR20080103519 A	20081127	KR20087019053	20070131
MX2008009876 A1	20081023	MX20080009876	20070131
RU2008130908 A	20100310	RU20080130908	20070131
RU2412636 C2	20110227	RU20080130908	20070131
US2009029021 AA	20090129	US20070162960	20070131
US8127664 BB	20120306	US20070162960	20070131
WO07088309 A1	20070809	WO2007FR50714	20070131

Priority:
FR20060000910 20060201 WO2007FR50714 20070131

Probable Assignee: HANDPRESSO

Assignee(s): (std): HANDPRESSO ; KHENDPRESSO ; NIELSEN HENRIK ; NIELSEN INNOVATION SARL ; PETITDEMANGE DAVID ; NIELSEN INNOVATION ; CHATEAU PATRICK ; CORBIER AURELIEN

Assignee(s): NIELSEN INNOVATION SOCIETE A RESPONSABILITE LIMITEE ; NIELSEN INNOVATION SOCIETE A RESPONSABILITE LIMITE

Inventor(s): (std): AURELIEN CORBIER ; CHATEAU PATRICK ; CORBIER AURELIEN ; DAVID PETITDEMANGE ; HENRIK NIELSEN ; KORB E OREL EN ; PATRICK CHATEAU ; PETITDEMANGE DAVID ; PETITDEMANZH DAVID ; SHATO PATRIK ; NIELSEN HENRIK ; NIL SEN KHENRIK

Inventor(s): NIL'SEN KHENRIK ; KORB'E OREL'EN

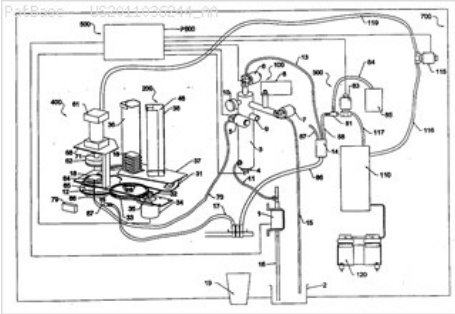
Agent(s): SPRUSON AND FERGUSON; CARDY SOPHIE MARIE ET AL; CARDY SOPHIE MARIE; CABINET BEAU DE LOMENIE; WEBB LAW FIRM PC; THE WEBB LAW FIRM; WEBB LAW FIRM

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM 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 LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: ASSEMBLY FOR AUTOMATIC FRESH BREWING OF HOT BEVERAGE AND DISPENSING THEREOF

Abstract: Source: US2011036244A This invention relates to an assembly for automatic fresh brewing of hot beverage and dispensing thereof which uses single serving pods (18) stacked in plurality of static vertically extending chutes (36, 38). The assembly dispenses each individual serving of fresh hot beverage with consistent taste and flavor, within a short time and customized to a consumer's preference like 'strong', 'light', 'with milk', 'without milk', etc. The assembly includes a water heating sub-assembly (100) for hot pressurized water for the brewing purpose; a pod-conveyor sub-assembly (200) for automatically conveying the pod (18) from the chutes (36, 38) to the brewer sub-assembly (400) and disposing off the used pod (18); a milk-input sub-assembly (300) for dispensing heated milk directly to a dispensing cup (19), when desired by the consumer; a brewer sub-assembly (400) for brewing of the brewing, infusible or other material (111) contained in pod (18) to produce fresh hot beverage; an electronic processor (500); an electronic control panel (600) with plurality of switches (610), each switch (610) corresponding to a preference of a consumer; a water reservoir (2); and compressed air storage tank (110) containing air compressed by an air compressor (120); and air solenoid valves (83, 115). The assembly is capable of brewing wide variety of brewing, infusible or other materials including, but without implying any limitation thereto, tea, coffee, material of plant origin such as floral pieces like Jasmine flowers, vegetable pieces like carrots, onions, material of animal origin such as honey or any other suitable beverage powders or materials which can be placed in the single serving pod (18) of the assembly.

Classifications:
International (IPC 8-9): A47J31/06 A47J31/34 A47J31/36 A47J31/40 A47J31/44 B67D1/08 G07F13/06 (Advanced/Invention); A47J31/06 A47J31/24 (Core/Invention)
International (IPC 1-7): A47J31/00
CPC: A47J31/3642 A47J31/4485
European: A47J31/36A4H A47J31/44D
US: 99/283 99/283P



Family:

Publication number	Publication date	Application number	Application date
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IN260998 B	20140606	IN2008K000780	20080428
JP2011522568 T2	20110804	JP20110505639T	20081229
KR20110038609 A	20110414	KR20107024478	20081229
NZ588377 A	20121130	NZ20080588377	20081229
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RU2466673 C2	20121120	RU20100142949	20081229
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Priority:
IN2008K000780 20080428 WO2008IN00871 20081229

Probable Assignee: TATA GLOBAL BEVERAGES LTD

Assignee(s): (std): BALASUBRAMANIAM MUNUSAMY ; BALASUBRAMANIAM MUNUSAMY ; CHATTERJEE ASHIM ; MANI GEORGE KANDAPPALI ; TATA GLOBAL BEVERAGES LTD ; TATA TEA LTD ; TATA GLOBAL BEVEREDZHES LTD

Assignee(s): TATA GLOBAL BEVEREDZHES LIMITED ; TATA GLOBAL BEVERAGES LIMITED ; TATA TEA LIMITED

Inventor(s): (std): ASHIM CHATTERJEE ; BALASUBRAMANIAM MUNUSAMY ; BALASUBRAMANIAM MUNUSAMY ; CHATTERJEE ASHIM ; KANDAPPALI MANI GEORGE ; MANI GEORGE KANDAPPALI ; MUNUSAMY BALASUBRAMANIAM ; MANI DZHORDZH KANDAPPALI ; CHATTERDZHII ASHIM ; BALASUBRAMANIAM MUNUSAMI

Inventor(s): GEORGE KANDAPPALI MANI ; MUNUSAMY BALASUBRAMANIAM ; MANI GEORGE KANDAPPALLI ; MANI GEORGE KANDAPPALLIL

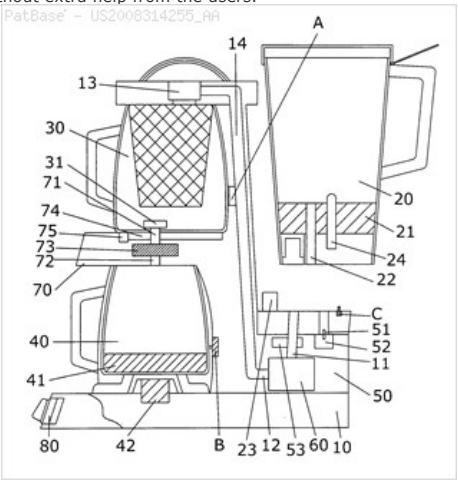
Agent(s): BEAGAR; SAMSON AND PARTNER; PROGRESSIVE IP SOLUTIONS; GULWANI VD

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI 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 LI 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 PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: COFFEE OR TEA MAKER

Abstract: Source: US2008314255A A coffee or tea maker includes a base, an operation cup, a thermal carafe and a control panel. A container support is located on the base and a container is located on the container support. The container includes a heater and a temperature sensor which is electrically connected with a control circuit in the control panel. A release port is defined in a bottom of the container and a pipe is connected between the release portion and the pouring port. The coffee or tea maker automatically heats the water, supplies the water into the operation cup to make coffee or tea and stores the coffee or tea in the thermal carafe without extra help from the users.

Classifications:
International (IPC 8-9): A47J31/00 A47J31/02 A47J31/057 A47J31/10 A47J31/18 A47J31/40 A47J31/44 A47J31/56 F24H1/20 (Advanced/Invention); A47J31/00 A47J31/02 A47J31/04 A47J31/10 A47J31/40 A47J31/44 F24H1/20 (Core/Invention)
CPC: A47J31/057 A47J31/0605 A47J31/106 A47J31/4432 A47J31/50
European: A47J31/057 A47J31/06D A47J31/10C A47J31/44A2F4 A47J31/50
US: 99/280



Family:

Publication number	Publication date	Application number	Application date
EP2005865 A1	20081224	EP20080252060	20080616
JP2009000529 A2	20090108	JP20080161359	20080620
KR20080112992 A	20081226	KR20080058592	20080620
TW200900033 A	20090101	TW20070122203	20070621
US2008314255 AA	20081225	US20070979656	20071107

Priority:
TW20070122203 20070621

Probable Assignee: LI WEN QING

Assignee(s): (std): LEE WEN CHING ; LI WEN QING ; LI WENQING

Assignee(s): LI WEN CHING

Inventor(s): (std): LEE WEN CHING ; LI WEN QING ; LI WENQING

Inventor(s): LI WEN CHING

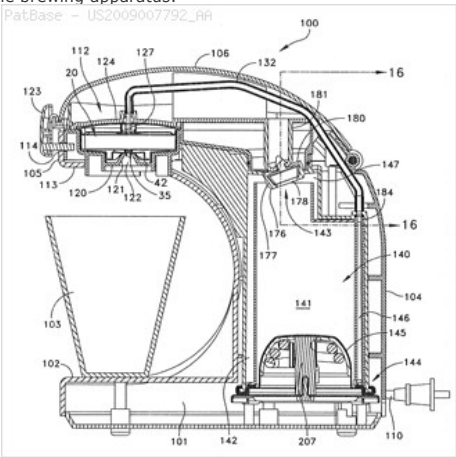
Agent(s): BROWN MICHAEL STANLEY; WEN-CHING LEE; WEN CHING LEE

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK TR

Title: HOT BEVERAGE BREWING APPARATUS

Abstract: Source: US2009007792A A hot beverage brewing apparatus. A pressurized hot liquid delivery system provides liquid under pressure within a range of acceptable brewing temperatures without any mechanical pump. Water is apportioned into sealable tank volumes, one of which is heated to boil the liquid and produce steam under pressure. The pressurized steam displaces the liquid from the tank volumes in proportion and at a temperature that is within the acceptable brewing range. The hot liquid under pressure is directed to a capsule receiving station to infuse a material in a capsule. The capsule dispenses the brewed beverage without contacting the brewing apparatus.

Classifications:
International (IPC 8-9): A23F5/00 A23L1/00 A47J31/00 A47J31/057 A47J31/06 A47J31/10 A47J31/24 A47J31/30 A47J31/40 A47J31/44 A47J31/46 B65D85/02 B65D85/804 B65D85/816 F22B1/30 H05B3/30 H05B3/60 (Advanced/Invention); A47J31/36 (Advanced/Non-invention); A23F5/00 A23L1/00 A47J31/00 A47J31/10 A47J31/24 A47J31/40 A47J31/44 (Core/Invention)
CPC: A47J31/0673 A47J31/0678 A47J31/0684 A47J31/085 A47J31/465 B65D85/8043 A47J31/369 A47J31/4407 A47J31/057
European: A47J31/04 A47J31/06P4B A47J31/06P4D A47J31/06P5 A47J31/08B A47J31/30 A47J31/46S2 B65D85/804B K47J31/36B4D
US: 122/511 122/511S 392/328 426/112 99/281 99/281P 99/282 99/282P 99/283 99/283S 99/287 99/287P 99/287S 99/288 99/288S 99/295 99/295S 99/302.00RS 99/302R



Family:

Publication number	Publication date	Application number	Application date
AT551933 E	20120415	AT20080781165T	20080630
CA2701826 AA	20100407	CA20082701826	20080630
CA2701826 C	20150825	CA20082701826	20080630
CA2701888 AA	20100407	CA20082701888	20080630
CA2701888 C	20151103	CA20082701888	20080630
CN101801248 A	20100811	CN200880105176	20080630
CN101801248 B	20130724	CN200880105176	20080630
CN101808554 A	20100818	CN200880105012	20080630
CN101808554 B	20130424	CN200880105012	20080630
EP2166903 A2	20100331	EP20080781158	20080630
EP2166903 A4	20110608	EP20080781158	20080630
EP2166903 B1	20120815	EP20080781158	20080630
EP2166904 A2	20100331	EP20080781165	20080630
EP2166904 A4	20110330	EP20080781165	20080630
EP2166904 B1	20120404	EP20080781165	20080630
US2009007792 AA	20090108	US20070772416	20070702
US2009007793 AA	20090108	US20070772388	20070702
US2012210876 AA	20120823	US20120460931	20120501
US2013078340 AA	20130328	US20120670113	20121106
US8180204 BB	20120515	US20070772416	20070702
US8322271 BB	20121204	US20070772388	20070702
US9079706 BB	20150714	US20120670113	20121106
US9247846 BB	20160202	US20120460931	20120501
WO09006374 A2	20090108	WO2008US68723	20080630
WO09006374 A3	20090226	WO2008US68723	20080630
WO09006379 A2	20090108	WO2008US68735	20080630
WO09006379 A3	20090226	WO2008US68735	20080630

Priority:
US20070772416 20070702 US20070772388 20070702 WO2008US68723 20080630
WO2008US68735 20080630 US20120460931 20120501 US20120670113 20121106

Probable Assignee: SOLABEV LLC

Assignee(s): (std): BREW1 TECHNOLOGIES INC ; BEVCEPTS INC ; BREWL TECHNOLOGIES INC ; GLUCKSMAN DOV Z ; MCGONAGLE GARY P ; NICKERSON LAURA J ; SOLABEV LLC ; APPLIANCE DEV CORP ; BELANGER DAVID NORMAND

Assignee(s): BREW1TECHNOLOGIES INC ; APPLIANCE DEVELOPMENT CORP ; 1BREW LLC ; MCGONACLE GARY P

Inventor(s): (std): BELANGER DAVID NORMAND ; GLUCKSMAN DOV Z ; MCGONACLE GARY P ; MCGONAGLE GARY P ; NICKERSON LAURA J ; NORMAND BELANGER DAVID ; NICKERSON LAURA ; MCGONAGLE GARY ; GLUCKSMAN DOV

Agent(s): SMART AND BIGGAR; CAPASSO OLGA; GEORGE A HERBSTER; GEORGE A; HERBSTER GEORGE A

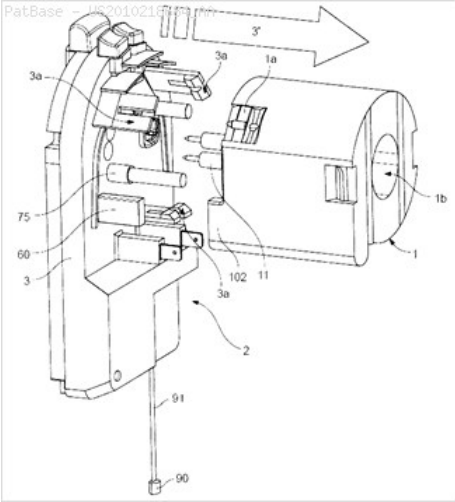
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ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

Title: HEATING DEVICE WITH AN INTEGRATED THERMOBLOCK FOR A BEVERAGE PREPARATION MACHINE

Abstract: Source: US2010218684A An in-line heating device for a liquid food or beverage preparation machine in which liquid is circulated through the heating device and then guided into a brewing chamber. This heating device includes a thermoblock with a metal mass that incorporates an inlet, an outlet and a heating chamber extending therebetween to form a passage for guiding the liquid circulating through the mass, with the mass arranged to accumulate heat and to supply heat to the liquid; and one or more electric components that are rigidly secured onto or into the thermoblock and that are connected to a printed circuit board or a flex-print arranged to control the thermoblock. The electric components are rigidly connected to the printed circuit board or flex-print, in particular via rigid connector pins or blades or rigid plug and socket members.

Classifications:

International (IPC 8-9): A23L1/00 A47J A47J27/00 A47J31/00 A47J31/043 A47J31/047 A47J31/06 A47J31/18 A47J31/32 A47J31/34 A47J31/36 A47J31/40 A47J31/41 A47J31/44 A47J31/46 A47J31/52 A47J31/54 A47J31/56 A47J31/58 A47J36/24 A47J43/042 A47J43/27 B67D1/08 B67D1/10 B67D3/00 F04B17/04 F04B53/00 F04B53/02 F16L27/10 F24H1/00 F24H1/10 F24H1/14 F24H9/20 G01F1/00 G01F1/56 G09F13/18 G09F13/22 H01H37/52 H01R12/55 H01R13/11 H01R13/631 H05B1/00 H05B1/02 H05B3/02 H05K1/00 (Advanced/Invention); A47J31/36 A47J31/40 A47J31/54 A47J31/56 F24H1/14 F24H9/20 (Advanced/Non-invention); A47J031/24 A47J031/36 A47J31/24 A47J31/40 A47J31/44 F04B17/03 F16L27/00 F24H1/00 F24H1/10 F24H1/12 F24H9/20 G01F1/00 G09F13/22 H01R13/631 H05K1/00 (Core/Invention); A47J31/00 A47J43/042 A47J43/27 (Core/Non-invention); A47J F04B F16L F24H G09F (Subclass/Invention)
International (IPC 1-7): A47J031/24 A47J031/36 A47J31/36 A47J31/44 A47J31/54 **CPC:** A47J31/36 A47J31/4457 H01R12/728 H01R13/111 H01R12/718 F24H1/105 H01H37/52 A47J31/542 A47J31/545 F24H1/101 F24H9/2028 H05K1/18 H05K3/306 H05K2201/10151 H05K2201/10166 H05K2201/10181 H05K2201/10189 H05K2201/10424 H05K2201/105 H05K2201/2036 A47J31/441 A47J31/407 A47J31/58 F24H1/142 F04B17/046 F04B53/003 F16L27/1021 F16L37/144 A47J2201/00 A47J31/46 A47J31/4403 A47J31/52 A47J31/3623 A47J31/3676 A47J31/4407 A47J31/4417 A47J31/3628 A47J31/3633 A47J31/369 Y10T29/49904 **European:** A47J31/36A4 A47J31/36A4B A47J31/36A4D A47J31/36B4 A47J31/36B4D A47J31/44A A47J31/44A1 A47J31/44A2E2 A47J31/44A3 A47J31/46 A47J31/52 A47J31/54A A47J31/54A1 F04B17/04D F04B53/00D4 F16L27/10J F16L37/14B1 F24H1/10B F24H1/14B F24H9/20A2D H01R13/11B H01R23/70K3 H05K1/18 H05K3/30D K47J201/00 K47J31/36 T05K201/10A19 T05K201/10A21 T05K201/10A23 T05K201/10A24 T05K201/10B26 T05K201/10C1H T05K201/20D **US:** 174/254 174/254S 219/494 219/494S 219/538 219/538S 219/628 250/577 29/469 337/1 392/485 392/485S 392/489 392/491 392/492 392/496 392/496S 417/410.1 73/861 73/861S 99/275 99/275P 99/279 99/279S 99/280 99/281 99/281P 99/285 99/285P 99/286 99/288 99/288P 99/288S 99/289.00RS 99/289R 99/292 99/292P 99/295 99/295P 99/295S 99/297 99/300 99/302.00RP 99/302.00RS 99/302P 99/302R 99/307



Family:

Publication number	Publication date	Application number	Application date	
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CN102204790 A	20111005	CN201110064297	20081001	
CN102204790 B	20140521	CN201110064297	20081001	
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CN103169378 A	20130626	CN201310104844	20080808	
CN103169381 A	20130626	CN201310077467	20090525	
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CN103181729 A	20130703	CN201310104845	20080808	
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CN103505057 A	20140115	CN201310483303	20090323	
DK201200078 U1	20120608	DK20120000078U	20120521	
DK201200078 U4	20130524	DK20120000078U	20120521	
DK201200079 U1	20120608	DK20120000079U	20120521	
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DK2317898 T3	20121015	DK20090780224T	20090707	
DK2362744 T3	20120903	DK20090740682T	20091022	
EP2205133 A2	20100714	EP20080802980	20080808	
EP2205133 B1	20110601	EP20080802980	20080808	
EP2209407 A2	20100728	EP20080834770	20080930	
EP2211670 A2	20100804	EP20080804952	20081001	
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EP2218368 A2	20100818	EP20100161814	20080808	
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EP2218369 A2	20100818	EP20100161815	20080808	
EP2218369 A3	20150415	EP20100161815	20080808	
EP2218370 A2	20100818	EP20100161816	20080808	
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EP2218373 A2	20100818	EP20100161826	20080930	
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EP2218375 A2	20100818	EP20100163041	20081001	
EP2218375 A3	20140730	EP20100163041	20081001	
EP2218376 A2	20100818	EP20100163051	20081001	
EP2218376 A3	20140730	EP20100163051	20081001	
EP2225974 A2	20100908	EP20100163040	20081001	
EP2225974 A3	20140730	EP20100163040	20081001	
EP2278900 A1	20110202	EP20090735685	20090323	
EP2296515 A1	20110323	EP20090761593	20090525	
EP2296515 B1	20120718	EP20090761593	20090525	
EP2309900 A1	20110420	EP20090779164	20090317	
EP2309900 B1	20150527	EP20090779164	20090317	
EP2317898 A1	20110511	EP20090780224	20090707	
EP2317898 B1	20120926	EP20090780224	20090707	
EP2362744 A1	20110907	EP20090740682	20091022	
EP2362744 B1	20120815	EP20090740682	20091022	
EP2410894 A1	20120201	EP20100701110	20100107	
EP2410894 B1	20140416	EP20100701110	20100107	
EP2502532 A1	20120926	EP20120170375	20090525	
EP2502532 B1	20150429	EP20120170375	20090525	
EP2745751 A1	20140625	EP20140158507	20100107	
EP2745751 B1	20151223	EP20140158507	20100107	
ES2364797 T3	20110914	ES20080802980T	20080808	
ES2366876 T3	20111026	ES20080804952T	20081001	
ES2391155 T3	20121122	ES20090761593T	20090525	
ES2391875 T3	20121130	ES20090740682T	20091022	
ES2395230 T3	20130211	ES20090780224T	20090707	
ES2464735 T3	20140603	ES20100701110T	20100107	
ES2539306 T3	20150629	ES20090779164T	20090317	
ES2561417 T3	20160226	ES20140158507T	20100107	
HK1145619 A1	20120106	HK20100112193	20101229	
HK1145791 A1	20110916	HK20100112185	20101229	
HK1154767 A1	20121109	HK20110109159	20110830	

HK1155626 A1	20130118	HK20110110003	20110922	
HK1155626 A3	20120525	HK20110110003	20110922	
HK1155627 A3	20120525	HK20110110004	20110922	
HK1161962 A1	20130524	HK20120101799	20120223	
IL204830 A0	20101130	IL20100204830	20100406	
IL204831 A0	20101130	IL20100204831	20100406	
IL204832 A0	20101130	IL20100204832	20100406	
IL204832 A1	20120731	IL20100204832	20100406	
IN02322DN2010 A	20100910	IN2010DN02322	20100405	
IN02381DN2010 A	20110204	IN2010DN02381	20100407	
IN02600DN2010 A	20101001	IN2010DN02600	20100415	
IN07171DN2011 A	20121221	IN2011DN07171	20110919	
JP2010540130 T2	20101224	JP20100527375T	20080808	
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JP2011530314 T2	20111222	JP20110521491T	20090317	
JP2012232145 A2	20121129	JP20120143274	20120626	
JP2012254302 A2	20121227	JP20120143280	20120626	
JP2012506274 T2	20120315	JP20110532634T	20091022	
JP2012521231 T2	20120913	JP20120501197T	20100107	
JP2014076367 A2	20140501	JP20130224468	20131029	
JP2014158948 A2	20140904	JP20140088925	20140423	
JP5073062 B2	20121114	JP20100527375T	20080808	
JP5404631 B2	20140205	JP20100527437T	20081001	
JP5457436 B2	20140402	JP20110510970T	20090525	
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KR20100065200 A	20100615	KR20107009872	20080930	
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MX2010003566 A1	20100430	MX20100003566	20100330	
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PT2205133 T	20110609	PT20080802980T	20080808	
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RU2010117238 A	20111110	RU20100117238	20080930	
RU2010117240 A	20111110	RU20100117240	20080808	
RU2010117242 A	20111110	RU20100117242	20081001	
RU2010147366 A	20120527	RU20100147366	20090323	
RU2011105126 A	20120820	RU20110105126	20090707	
RU2011108586 A	20120920	RU20110108586	20090317	
RU2011120341 A	20121127	RU20110120341	20091022	
RU2011142730 A	20130427	RU20110142730	20100107	
RU2012138474 A	20140320	RU20120138474	20120907	
RU2471398 C2	20130110	RU20100117240	20080808	
RU2477068 C2	20130310	RU20100117242	20081001	
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SG184745 A1	20121030	SG20120067492	20080808	
SG184782 A1	20121030	SG20120072187	20080930	
TH100060 A	20100129	TH20081005076	20081002	
TW200934432 A	20090816	TW20080134748	20080910	
TW200936089 A	20090901	TW20080138318	20081003	
TW200938139 A	20090916	TW20080138310	20081003	
US2010218684 AA	20100902	US20080681362	20081001	
US2010282090 AA	20101111	US20080681535	20080930	
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US2014020563 AA	20140123	US20130039404	20130927	
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WO09043630 A2	20090409	WO2008EP60463	20080808
WO09043630 A3	20090611	WO2008EP60463	20080808
WO09043851 A2	20090409	WO2008EP63092	20080930
WO09043851 A3	20090903	WO2008EP63092	20080930
WO09043865 A2	20090409	WO2008EP63128	20081001
WO09043865 A3	20090618	WO2008EP63128	20081001
WO09130099 A1	20091029	WO2009EP53368	20090323
WO09150030 A1	20091217	WO2009EP56292	20090525
WO10006953 A1	20100121	WO2009EP58562	20090707
WO10015427 A1	20100211	WO2009EP53139	20090317
WO10046442 A1	20100429	WO2009EP63896	20091022
WO10108700 A1	20100930	WO2010EP50099	20100107

Priority:

EP20070117853	20071004	EP20080154918	20080422	EP20080156704	20080522
EP20080157066	20080528	EP20080160340	20080714	WO2008EP60463	20080808
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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ 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 LI 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 PE PG PH PL PT RO RS RU 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

Title: Coffee machine

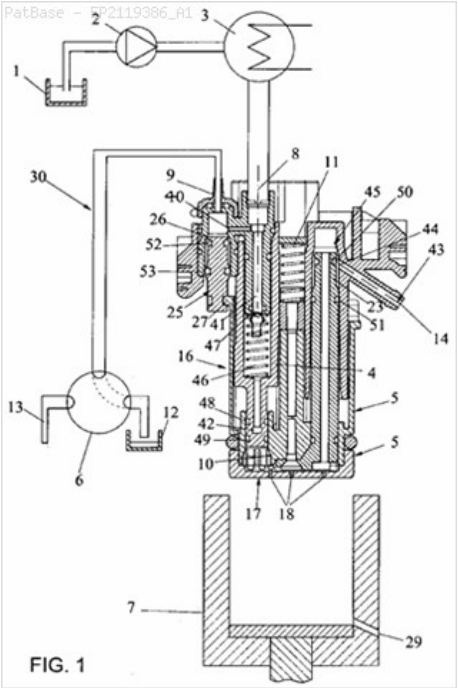
Abstract: Source: EP2119386A1 A coffee machine comprising a boiler (3) and a brewing unit having a closure piston and a brewing cylinder (7) movable between a first position of disengagement from the closure piston for opening a brewing chamber defined therebetween and a second position of engagement with the closure piston for closure of the brewing chamber, the closure piston having a first body (4) hydraulically connected to the boiler (3) and slidably supporting a second body (5) movable along a translation axis by the brewing cylinder (7), first valve means (21) for feeding water from the boiler (3) to said brewing chamber, second valve means (23) for release for pressure from the brewing chamber at the end of a coffee production cycle, and third valve means (25) operable through the relative displacement between the first and second body (4,5), the third valve means (25) being along a hydraulic circuit connecting the boiler (3) to a hot water/steam delivery outlet (13) remote from the brewing unit, the hydraulic circuit having downstream of the third valve means (25) diversion means (6) for selectively diverting the flow to the hot water/steam delivery outlet (13) or to a discharge outlet (12).

Classifications:

International (IPC 8-9): A47J31/36 A47J31/46 (Advanced/Invention); A47J31/24 A47J31/44 (Core/Invention)

CPC: A47J31/3609 A47J31/46

European: A47J31/36A2 A47J31/46



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Publication number	Publication date	Application number	Application date
AT492198 E	20110115	AT20080425346T	20080515
DE602008004108 D1	20110203	DE200860004108T	20080515
EP2119386 A1	20091118	EP20080425346	20080515
EP2119386 B1	20101222	EP20080425346	20080515
PT2119386 T	20110303	PT20080425346T	20080515

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EP20080425346 20080515

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Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK TR