

Search history

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Search fn=(61605090:120 or 34938908:100 or 59606087:90 or 55524119:90 or 53800422:90 or 51110771:90 or 50917860:90 or 49961720:90 or 48843753:90 or 43569471:90 or 43487853:90 or 43400788:90 or 42049464:90 or 62414614:80 or 59606173:80 or 59067904:80 or 58181182:80 or 57465814:80 or 53194644:80 or 50483222:80 or 50212616:80 or 49245019:80 or 46068663:80 or 45942182:80 or 44280423:80 or 34449354:80 or 32519193:80 or 32195456:80 or 63731918:70 or 61194653:70 or 60559938:70 or 60348818:70 or 60160905:70 or 59878939:70 or 59694158:70 or 57357120:70 or 57187434:70 or 54706157:70 or 54554553:70 or 53749516:70 or 53200813:70 or 52616477:70 or 51446302:70 or 50740617:70 or 49958090:70 or 49729436:70 or 49386706:70 or 49148177:70 or 49147691:70 or 48463126:70 or 48192695:70 or 48001701:70 or 47720388:70 or 46849282:70 or 46531451:70 or 44815633:70 or 43782172:70 or 42198209:70 or 40841505:70 or 34722039:70 or 34722038:70 or 34722036:70 or 34621670:70 or 33701640:70 or 32381816:70 or 28677508:70 or 65392656:60 or 64691552:60 or 64520303:60 or 64429347:60 or 64287554:60 or 63618086:60 or 63517386:60 or 63512854:60 or 63047979:60 or 62737901:60 or 62170534:60 or 62152839:60 or 61605093:60 or 61382999:60 or 61182708:60 or 60334498:60 or 60176538:60 or 60168130:60 or 59878941:60 or 59636454:60 or 59066992:60 or 58505491:60 or 58447948:60 or 57990319:60 or 57837707:60 or 56718781:60 or 56019293:60 or 55975513:60 or 55896858:60 or 55879660:60 or 55626934:60 or 55480204:60 or 55405973:60 or 55129301:60) (Results 100)

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6:

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18:

Search [SP]: "disposicao construtiva introduzida em dispositivo para preparo de bebidas" campo do modelo de utilidade [0001] o modelo de utilidade em questao refere-se a uma disposicao construtiva introduzida em dispositivo para preparo de bebida e, mais particularmente, um dispositivo para preparo de bebida baseado na utilizacao de capsulas que armazenam insumos de bebidas, ou ainda, insumos flavorizantes. [0002] em linhas gerais, o modelo de utilidade em questao preve pelo menos um sensor de deteccao e leitura de informacoes disponiveis nas capsulas de armazenamento de insumos de bebidas, sendo que a nova disposicao, a qual envolve ato inventivo e resulta na melhoria funcional, tanto no uso quanto na fabricacao do dispositivo para preparo de bebida, refere-se a localizacao privilegiada de tal sensor. fundamentos do modelo de utilidade [0003] como e do conhecimento dos tecnicos versados no assunto, o atual estado da tecnica e composto por uma vasta gama de modelos de dispositivos de preparo de bebidas. dentre tais modelos, destacam-se aqueles pertencentes ao nicho residencial (nao comercial) onde o usuario e habil de preparar - em sua propria residencia ou local de trabalho - sua propria bebida. especificamente neste nicho, destacam-se sobremaneira os dispositivos para preparo de bebida cujo principio funcional e inteiramente baseado na utilizacao de capsulas que armazenam insumos de bebidas, ou ainda, insumos flavorizantes. [0004] mais especificamente, destacam-se os dispositivos preparo de bebida que, baseados na utilizacao de capsulas que armazenam insumos de bebidas, sao considerados automaticos. [0005] tal nomenclatura deve-se ao fato de que, como e do conhecimento dos tecnicos versados no assunto, tais dispositivos para preparo de bebida sao capazes de preparar uma pluralidade de tipos de bebidas com a minima interferencia (ou necessidade de interferencia) humana. neste contexto, sao conhecidos dispositivos para preparo de bebida habeis de cooperar com capsulas de armazenamento de insumos de bebidas providas de informacoes especificas sobre a "receita" de preparo de uma bebida em especial. [0006] assim, uma capsula compreendendo insumo de bebidas relacionado a bebida gelada (refrigerante, por exemplo) compreende ainda informacoes, ou uma "receita", que tem por objetivo "orientar" determinados processos que serao realizados pelos sistemas internamente alocados no dispositivo preparo de bebida. no exemplo do refrigerante, a capsula pode conter, tambem, por exemplo, informacoes relacionadas a temperatura e concentracao de gas carbonico da agua a ser dispensada pelo dispositivo preparo de bebida. [0007] a ideia geral de dispositivos preparo de bebida automaticos e, conforme anteriormente descrito, diminuir a interacao do usuario e, consequentemente, padronizar a qualidade das bebidas preparadas. [0008] o documento brpi05078601 descreve, a titulo de exemplo, um dispositivo para preparo de bebida habil de cooperar com capsulas de armazenamento de insumos de bebidas atraves de meios oticos. em linhas gerais, o referido dispositivo para preparo de bebida compreende um sensor otico capaz de estabelecer comunicacao com uma unidade central de processamento, a qual contem "receitas" pre-programadas, e as capsulas de armazenamento de insumos de bebidas, por sua vez, compreendem codigos grafados (como por exemplo, codigo de barras ou equivalente) especialmente relacionados com "receitas" especificas pre-programadas na unidade central de processamento do dispositivo para preparo de bebida. [0009] desta forma, uma vez que uma capsula de armazenamento de insumos de bebidas e introduzida em posicao funcional do dispositivo para preparo de bebida, o sensor otico "le" o codigo grafado na capsula e, com base nesta informacao, a unidade central de processamento localiza a "receita" correspondente e executa as operacoes pre-definidas de acordo com a "receita" correta. [0010] consta que o documento brpi05078601 e vago ao definir o tipo especifico e a localizacao ideal ou preferencial do sensor otico. no entanto, sabe-

se que a citada localizacao do sensor otico e de extrema importancia para o ideal funcionamento do dispositivo para preparo de bebida. [001 1] por outro lado, e possivel constatar que o dispositivo para preparo de bebida atualmente comercializado pela titular do documento brpi05078601 adota uma concretizacao na qual o referido sensor otico e disposto no interior do mecanismo de compressao de capsula (tambem detalhadamente descrito no documento brpi06170714). ocorre, porem, que a localizacao do sensor otico, conforme observada na versao do comercial do dispositivo para preparo de bebida da titular do documento brpi05078601 e problematica, afinal, mantem o sensor otico exposto aos insumos de bebidas oriundos de possiveis e eventuais explosoes das capsulas de armazenamento de insumos de bebidas. ou seja, caso ocorra algum problema com uma capsula de armazenamento de insumos de bebidas, o conteudo de seu interior pode entrar em contato direto com o sensor otico, sendo que esta eventualidade pode danificar o referido sensor e, em casos mais alarmantes, ate mesmo inutiliza-lo completamente. [0012] e com base neste cenario que surge o presente modelo de utilidade. obietivos do modelo de utilidade [0013] portanto, e o objetivo primordial do modelo de utilidade em questao resolver os problemas de posicionamento e/ou localizacao do sensor otico que integra o dispositivo automatico para preparo de bebida baseado na utilizacao de capsulas que armazenam insumos de bebidas, ou ainda, insumos flavorizantes. [0014] consequentemente, e um dos objetivos do modelo de utilidade em questao imunizar e/ou preservar o sensor otico de possiveis intemperies e/ou problemas funcionais do referido dispositivo automatico para preparo de bebida. sumario do modelo de utilidade [0015] todos os objetivos acima citados sao integralmente alcançados por meio da disposicao construtiva introduzida em dispositivo para preparo de bebida, a qual compreende pelo menos um sensor otico habil de cooperar com capsulas de armazenamento de insumos de bebidas providas de diagramacoes, pelo menos uma cavidade de alojamento de capsulas de armazenamento de insumos de bebidas, e pelo menos uma superficie de contencao de pelo menos um trecho de borda das capsulas de armazenamento de insumos de bebidas e destaca-se dos demais dispositivos congeneres pelo fato de que pelo menos um sensor otico e disposto na referida superficie de contencao de pelo menos um trecho de borda das capsulas de armazenamento de insumos de bebidas de modo a ficar fora da cavidade de alojamento de capsulas de armazenamento de insumos de bebidas. descricao resumida dos desenhos [0016] o modelo de utilidade em questao sera pormenorizadamente detalhado com base na figura 1, a qual ilustra, de forma esquematica, o dispositivo para preparo de bebida ora revelado. descricao detalhada do modelo de utilidade [0017] dispositivos automaticos para preparo de bebida baseados na utilizacao de capsulas que armazenam insumos de bebidas podem prever diferentes disposicoes construtivas gerais, sendo a maioria destas disposicoes construtivas gerais ja conhecidas pelos tecnicos versados no assunto. nao e o objetivo do modelo de utilidade em questao descrever todos os pormenores de pelo menos uma destas possiveis disposicoes construtivas gerais. no entanto, isto nao caracteriza insuficiencia descritiva, afinal, dadas as possibilidades nao exaustivas, o modelo de utilidade em questao poderia ser aplicado em qualquer uma destas disposicoes construtivas gerais, ai incluidas as descritas nos documentos brpi05078601 e brpi06170714. [0018] dito isto, e conforme ilustrado na figura 1, o dispositivo para preparo de bebida, tal qual idealizado de acordo com a concretizacao preferencial do modelo de utilidade em questao, compreende um chassi externo dentro do qual sao dispostos os subsistemas (aquecedor de agua, resfriador de agua, gaseificador de agua, central de tratamento de agua, central de processamento de dados, entre outros) necessarios para o preparo de bebidas. [0019] e visivel ainda parte do mecanismo de compressao de capsulas de armazenamento de insumos de bebidas. tal mecanismo compreende pelo menos uma cavidade 2 de alojamento de capsulas de armazenamento de insumos de bebidas. evidentemente, a citada cavidade 2 de alojamento de capsulas de armazenamento de insumos de bebidas e margeada por uma superficie de contencao 3, a qual tem por objetivo reter pelo menos um trecho de borda das capsulas de armazenamento de insumos de bebidas (para que as mesmas possam ser devidamente posicionadas, e para que as mesmas nao adentrem totalmente a cavidade 2 de alojamento). [0020] no mais, e visivel ainda o sensor otico 1, o qual e habil de cooperar com capsulas de armazenamento de insumos de bebidas providas de diagramacoes objetivando possibilitar a automatizacao de preparo de bebidas (com a minimo interferencia do usuario). conforme anteriormente citado, e o sensor otico 1 que "le" as informacoes das diagramacoes das capsulas de modo a desencadear o acionamento dos subsistemas responsaveis pelo preparo de bebidas. [0021] neste cenario, destaca-se a disposicao construtiva introduzida em dispositivo para preparo de bebida pelo fato de que o sensor otico 1 e disposto na superficie de contencao 3 de pelo menos um trecho de borda das capsulas de armazenamento de insumos de bebidas, ou seja, o sensor otico 1 e disposto fora da cavidade 2 de alojamento de capsulas de armazenamento de insumos de bebidas. [0022] esta localizacao e/ou disposicao garante que qualquer acontecimento ocorrido no interior da cavidade 2 de alojamento de capsulas de armazenamento de insumos de bebida (Results 7)

Search [SP]: reivindicacoes 1. disposicao construtiva introduzida em dispositivo para preparo de bebida, compreendendo pelo menos um sensor otico
20: (1) habil de cooperar com capsulas de armazenamento de insumos de bebidas providas de diagramacoes, pelo menos uma cavidade (2) de alojamento de capsulas de armazenamento de insumos de bebidas, e pelo menos uma superficie de contencao (3) de pelo menos um trecho de borda das capsulas de armazenamento de insumos de bebidas a referida disposicao construtiva introduzida em dispositivo para preparo de bebida sendo caracterizada pelo fato de que pelo menos um sensor otico (1) e disposto na referida superficie de contencao (3) de pelo menos um trecho de borda das capsulas de armazenamento de insumos de bebidas. 2. disposicao construtiva introduzida em dispositivo para preparo de bebida, de acordo com a reivindicacao 1, caracterizada pelo fato de que o sensor otico (1) e disposto na referida superficie de contencao (3) de pelo menos um trecho de borda das capsulas de armazenamento de insumos de bebidas, de modo a ficar fora da cavidade (2) de alojamento de capsulas de armazenamento de insumos de bebidas. claims 1. constructive disposition introduced in device for beverage preparation comprising at least one optic sensor (1) skillful to cooperate with drinks input storage caps fitted with diagramming, at least one cavity (2) inputs storage capsules of accommodation beverages, and at least one containment surface (3) of at least one edge portion of beverage input storage capsules said constructive disposition introduced in the device for beverage preparation being characterized by the fact that at least one optical sensor (1) and arranged on said surface containment (3) at least an edge portion of beverage input storage capsules. 2. constructive disposition introduced in the device for beverage preparation according to claim 1, characterized by the fact that the optical sensor (1) and arranged on said surface containment (3) at least an edge portion of the storage capsules liquor inputs in order to stay outside the cavity (2) of beverage input storage capsules housing. (Results 7)

Search [SP]: structural arrangement for apparatus for making beverages agencement structural pour dispositif de preparation de boissons disposicao
21: construtiva introduzida em dispositivo para preparo de bebidas the present utility model pertains to the technological field of apparatuses for making beverages as defined in class a47j of the international patent classification (ipc). problem to be solved: automatic apparatuses for making beverages normally comprise an optical sensor which, for practical reasons, is located simply and closely to the beverage ingredient storage capsules, and sometimes inside the cavity for housing beverage ingredient storage capsules. this type of structure causes all processes inside said housing cavity to interfere with the optical sensor. solution to the problem: a new structural arrangement for an apparatus for making beverages is disclosed, having the optical sensor arranged in said surface for retaining at least part of the edge of the beverage ingredient storage capsules, outside the cavity for housing the beverage ingredient storage capsules.le present modele d'utilite releve du domaine technologique des dispositifs de preparation de boissons definis sous la categorie a47j de la classification internationale des brevets (ipc). probleme a resoudre: les dispositifs automatiques de preparation de boissons comprennent normalement un capteur optique qui, pour des questions pratiques, est dispose de la maniere la plus simple et proche des capsules de stockage d'ingrédients de boissons, et parfois dans la cavite de logement de capsules de stockage d'ingrédients de boissons. avec ce type de structure, tout ce qui se produit a l'interieur de ladite cavite de logement interfere avec le capteur optique. resolution du probleme: l'invention concerne un nouvel agencement structural pour dispositif de preparation de boissons, caracterise en ce que le capteur optique est dispose au niveau de la surface de retenue d'au moins un segment du bord des capsules de stockage d'ingrédients de boissons, de maniere a rester en dehors de la cavite de logement de capsules de stockage d'ingrédients de boissons.o presente modelo de utilidade pertence ao campo tecnologico de dispositivos para preparo de bebidas definidos na classe a47j da classificacao internacional de patentes (ipc). problema a ser resolvido: dispositivos automaticos para preparo de bebida normalmente compreendem um sensor otico que, por questoes praticas, e disposto da forma mais simples e proxima das capsulas de armazenamento de insumos de bebidas e, por vezes, no interior da cavidade de alojamento de capsulas de armazenamento de insumos de bebidas. este tipo de construçao faz com que todo o ocorrido do interior da referida cavidade de alojamento interfira no sensor otico. resolucao do problema: e revelada uma nova disposicao construtiva introduzida em dispositivo para preparo de bebida onde o sensor otico e disposto na referida superficie de contencao de pelo menos um trecho de borda das capsulas de armazenamento de insumos de bebidas, de modo a ficar fora da cavidade de alojamento de capsulas de armazenamento de insumos de bebidas. (Results 0)

Search fn=(43400788 or 28181040 or 49949430 or 50505533 or 55524119 or 56718781) (Results 6)
22:

Search pn=(WO2011141532 OR WO228241 OR WO2012010317 OR EP2071986 OR WO2014091439 OR WO2014006048) (Results 6)
23:

Search 7 OR 23 (Results 17)
24:

Title:

Encoded coffee packet

Abstract:

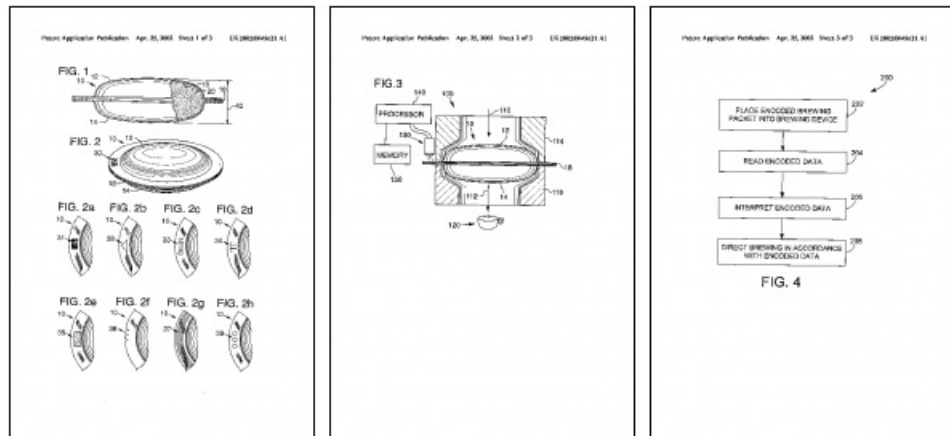
Source: US2002048621A A brewing packet is provided for use in the preparation of hot or cold beverages. The brewing packet envelops a brewing ingredient chosen according to the tastes of a beverage drinker. The packet includes a machine interpretable feature that contains encoded data capable of being read by a beverage producing device. Furthermore, the data on the packet is capable of directing the beverage producing device to employ a specific brewing operation suited for the particular brewing packet. This allows for producing the optimal beverage from the brewing ingredient. The ...

Probable Assignee:

BOYD COFFEE CO

Assignee(s):(std):

BOYD COFFEE CO

Assignee(s):BOYD COFFEE COMPANY ; BOYD
DAVID D ; JOHNSON MICHAEL W

Title:

COFFEE MAKER FOR BREWING
COFFEE POWDER CONTAINED IN A
CARTRIDGE

Abstract:

Source: US2005150391A The coffee maker for brewing powder coffee contained in a cartridge comprises a brewing chamber adapted to receive the cartridge, at least one punching member for punching the cartridge and a pump for feeding brewing water into the brewing chamber. In order to avoid that the prepared coffee shows froth at its surface, the coffee maker comprises means for restricting the amount of water fed by the pump into the brewing chamber per unit of time. This means ensures that the brewing water flows through the cartridge essentially unpressurized.

Probable Assignee:

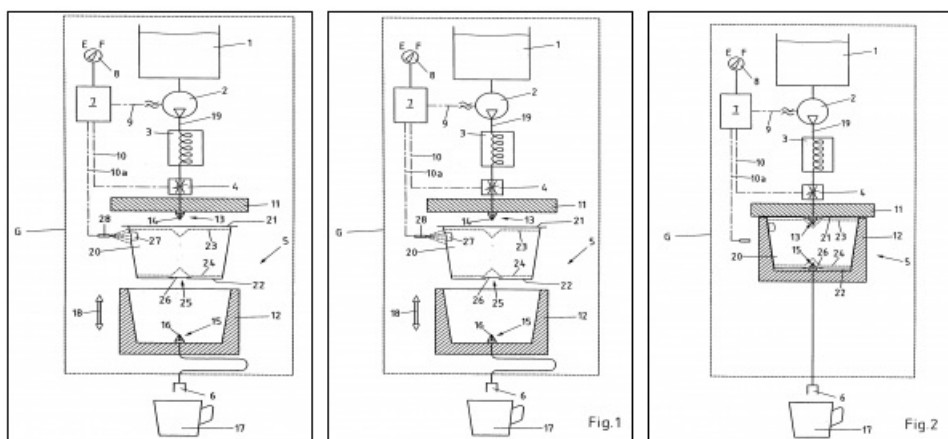
CAFFITALY SYSTEM SPA

Assignee(s):(std):

CAFFITA SYSTEM S P A ; CAFFITA
SYSTEM SPA ; CAFFITALY SYSTEM S
P A ; CAFFITALY SYSTEM SPA ;
RENE SCHIFFERLE ; SAECO INT
GROUP S P A ; KONINKL PHILIPS
ELECTRONICS NV ; KONINK PHILIPS
N V ; PHILIPS KONINKLL NV ;
KONINKL PHILIPS NV ; SCHIFFERLE
RENE ; SHIFFERLE RENE ; SAECO
INTERNAT GROUP S P A

Assignee(s):

SCHMED ARTHUR ; SCHIFFERLE
RENEAARETALSTRASSE 11, CH-
5312DOETTINGENCH ; SAECO INT
GROUP SPA240 VIA TORRETTAI -
40041GAGGIO
MONTANOBOLOGNAIT ; SAECO
INTERNATIONAL GROUP S P A
GAGGIO MONTANO ; SAECO
INTERNATIONAL GROUP S P A ;
CAFFITALY SYSTEMS SPA ;
CAFFITALY SYSTEM SPA38 VIA
PANIGALII-40041GAGGIO
MONTANOBOLOGNAIT ; REMO
GIANNI ; PHILIPS ELECTRONICS
KONINKLL NV ; KONINKLIJKE
PHILIPS ELECTRONICS N V ; SAECO
INT GROUP SPA ; CAFFITA SYSTEM
SPA38 VIA PANIGALII-
40041GAGGIO
MONTANOBOLOGNAIT ; CAFFITA
SYSTEM S P A GAGGIO MONTANO



Title:

LIQUID CONCENTRATE/EXTRACT
BEVERAGE DISPENSER WITH
REPLACEABLE
CONCENTRATE/EXTRACT
CARTRIDGE

Abstract:

Source: US2006000851A A
beverage dispenser for dispensing a beverage into a container is provided. The dispenser includes a housing having a dispensing area. A pump or a control valve is in communication with a source of diluent which is to be dispensed into the dispensing area. A cartridge receiving area and a dispensing actuator are located in the housing. A concentrate/extract cartridge is removably insertable into the cartridge receiving area in a position to be actuated by the dispensing actuator, the concentrate/extract cartridge being adapted to hold a beverage concentrate/extract and ...

Probable Assignee:

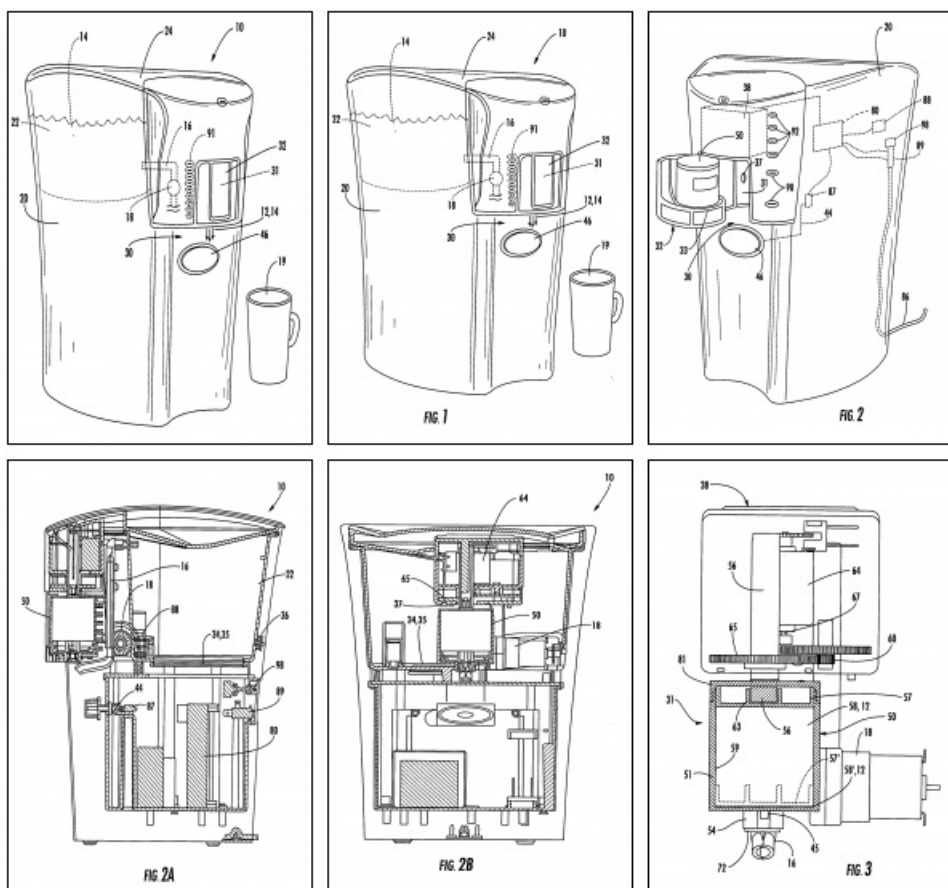
INTELLIGENT COFFEE CO LLC

Assignee(s):(std):

ANDERSON ERIK KENNETH ;
FISCHER ROY KENNETH ; GIRARD
JEFFREY J ; GREENWALD SHLOMO ;
INTELLIGENT COFFEE CO L L ;
GREENWALD ZIPORA ; INTELLIGENT
COFFEE CO LLC ; GREENWALD
TECHNOLOGIES LLC ; VASSAUX
MARIO E ; SYMINGTON RICHARD ;
PIRSHAFIEY NASSER ; INTELLIGENT
COFFEE COMPANY LLC ;
INTELLIGENT COFFEE COMPANY L L
; KAY HEATHER B ; INTELLIGENT
COFFEE COMPANY L L C ; VAN DEN
HOONAARD PAUL ; PIRSHAFIEY
NASSAR ; INTELLIDZHENT KOFFI
KOMPANI EH ; INTELLIGENT COFFEE
CO L L C

Assignee(s):

INTELLIGENT COFFEE COLLC
SCOTTSDALE ; INTELLIGENT
COFFEE CO ; INTELLIDZHENT KOFFI
KOMPANI EHL EHL SI



15 more images available

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 pivotally 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.

Probable Assignee:

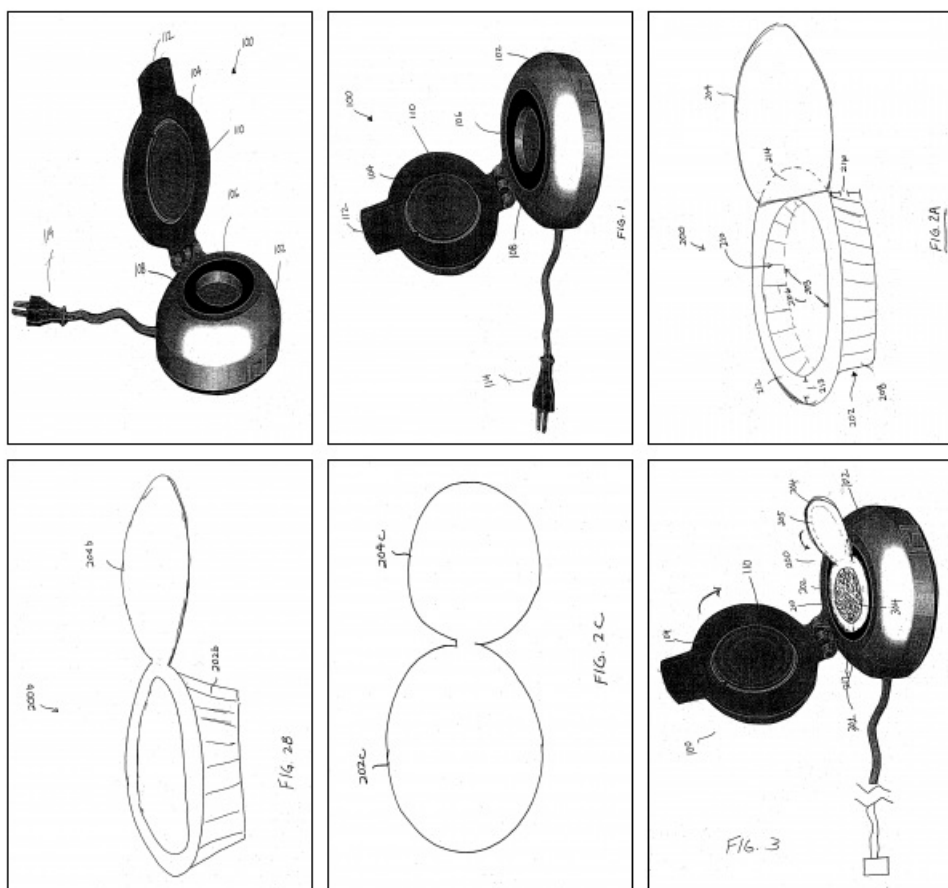
ARM ENTPR

Assignee(s):(std):

ARM ENTPR ; RIVERA ADRIAN ; ARM
ENTPR INC ; ADRIAN RIVERA ;
GREEN KENNETH L

Assignee(s):

ARM ENTERPRISES ; ARM
ENTERPRISES INC ; RIVERA
ADRIAN WHITTIER ; RIVERA
ADRIAN IRVINE



1 more images available

Title:
SYSTEM COMPRISING A BEVERAGE
MACHINE AND COMPRISING
PORTION CAPSULES

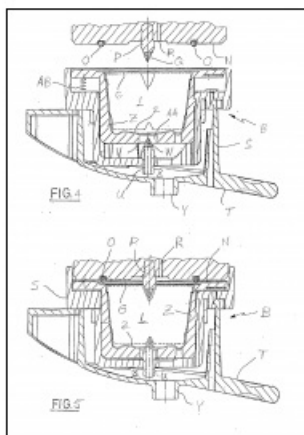
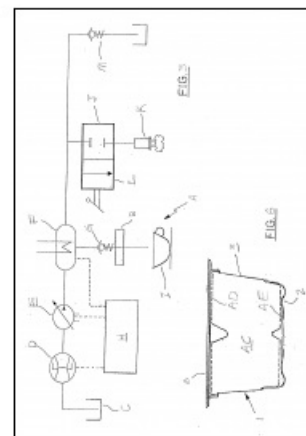
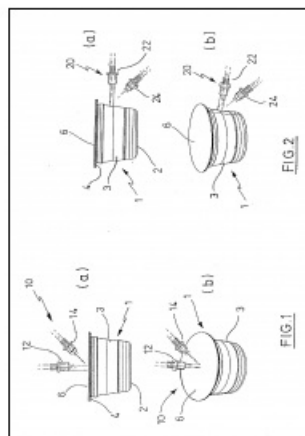
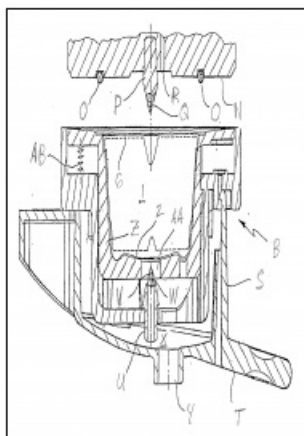
Abstract:

Source: US2008245236A In a system comprising a beverage machine and comprising portion capsules of at least two different types which each contain a beverage substance, portion capsules of different types are provided with colour codings which differ from one another. The beverage machine is designed to prepare beverages, in particular to brew hot coffee beverages, by means of the portion capsules and has a pressurized-water device, a capsule holder which is provided to accommodate a portion capsule, and a control means. The beverage machine also contains a colour-identification device which ...

Probable Assignee:
TCHIBO GMBH

Assignee(s):(std):
TCHIBO GMBH

Assignee(s):
TERNITE RUEDIGER ; BALKAU
WERNER ; LANTZ INGO ; MEYER
RUHSTRAT HARTWIG



Title:

IMPROVEMENTS IN OR RELATING TO
BEVERAGE PREPARATION
MACHINES

Abstract:

Source: US2010147157A A delivery head for a beverage preparation machine comprising a movable first part, a fixed second part and a cartridge guide; the first part being movable between an open position and a clamping position; the cartridge guide being operatively engaged with the first part and slidably movable relative to the second part between a loading position and a dispensing position; the cartridge guide being located in the loading position when the first part is in the open position so as to enable loading of a cartridge into the cartridge guide; wherein on movement of the first ...

Probable Assignee:

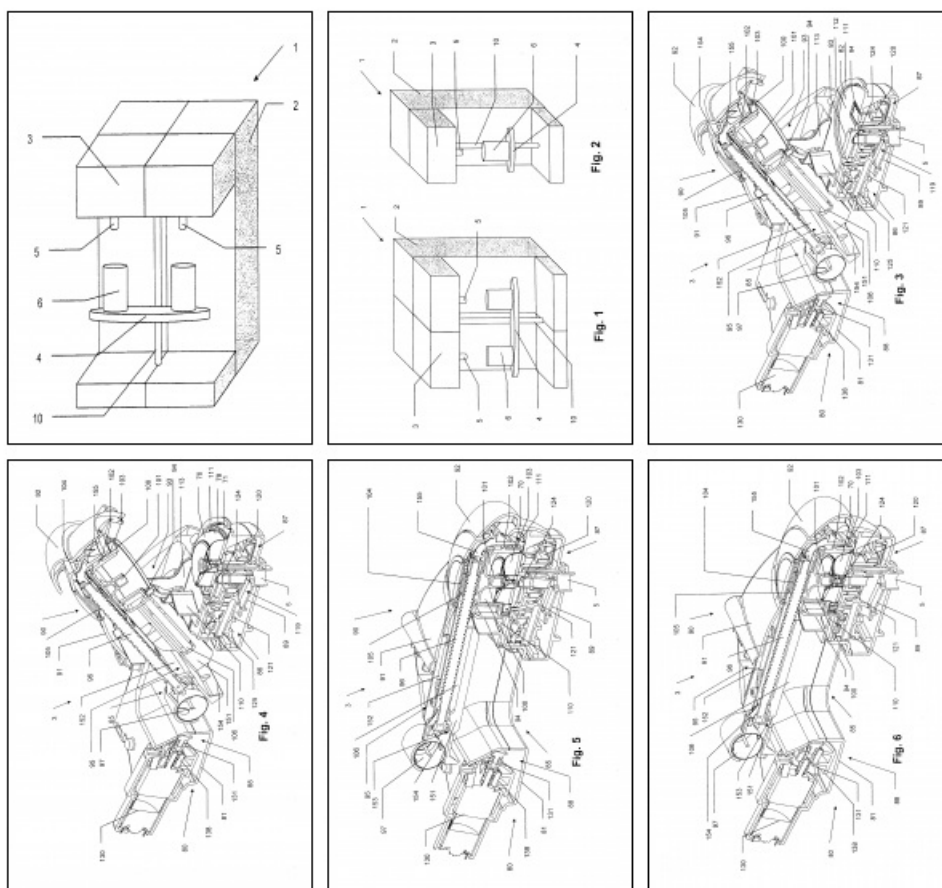
DOUWE EGBERTS BV KONINKLL

Assignee(s):(std):

KRAFT FOODS R AND D INC ;
HALLIDAY ANDREW MICHAEL ;
KRAFT FOODS HOLDINGS INC ;
KRAFT FUDZ AR EHND DI INK ;
KRAFT FOODS RES AND DEV INC ;
KONINKL DOUWE EGBERTS BV ;
TANNER ROGER GEOFFREY ;
SAXTON PAUL ADRIAN ; WILSON
PAUL JAMES ; NEWCOMBE PAUL
JOHN ; SHORT DAVID PAUL ; KRAFT
FUDZ R UND D INK ; BALLARD
COLIN DARREL ; BURTON WILCOCK
GARY VINCENT ; CARR SIMON ;
DOUWE EGBERTS BV

Assignee(s):

DOUWE EGBERTS BV KONINKLL ;
KRAFT FUDZ R U D INK ; KRAFT
JACOBS SUCHARD LTD ; KRAFT
FOODS R AND D INC THREE LAKES
DRIVENORTHFIELDIL60093US ;
KRAFT FOODS R AND D INC THREE
PARKWAY
NORTHDEERFIELDIL60015US ;
KRAFT FOODS UK LTD ; KRAFT
FOODS RESEARCH AND
DEVELOPMENT INC



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Title:
SYSTEM FOR PREPARING A
BEVERAGE FROM INGREDIENTS
SUPPORTED BY AN ENCODED
INSERT

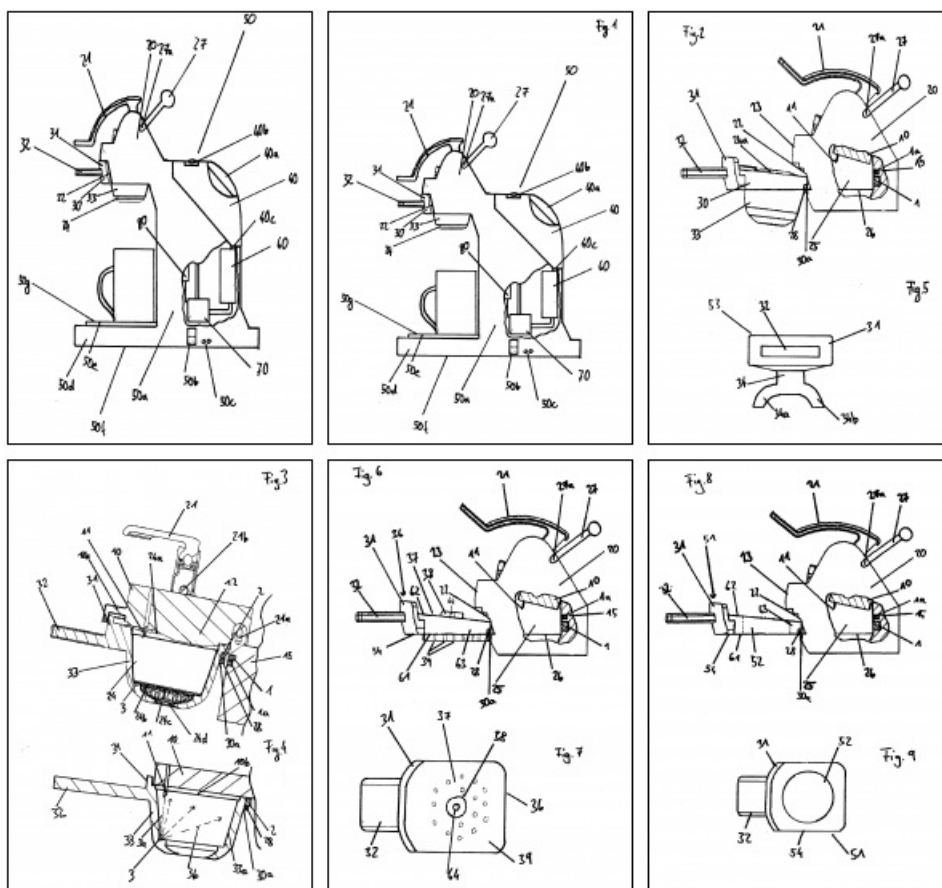
Abstract:

Source: US2010263546A The invention proposes a device for preparing a beverage from a food substance contained in a capsule (24) by injection of a liquid into the capsule (24), wherein said liquid is provided by a pump (70) of the device, said device comprising an extraction head (20) having an aperture (22) for inserting a capsule-holder (30) providing the capsule (24) to a capsule-holder receiving chamber (25) of the device, a closing mechanism (21) to selectively enclose said capsule (24) in the capsule-holder receiving chamber (25), at least one injection member (11) to supply a liquid ...

Probable Assignee:
NESTEC SA

Assignee(s):(std):
BONACCI ENZO ; DENISART JEAN
LUC ; KUGLER RALPH ; LEUZINGER
ROMAN ; NESTEC SA ; PLEISCH
HANSPETER ; TALON CHRISTIAN ;
NESTEC S A

Assignee(s):
NESTEC SA ; NESTEC S A



Title:

BEVERAGE SUBSTANCE
CARTRIDGE, WATER FILLING
APPARATUS, BEVERAGE
PRODUCING EQUIPMENT,
BEVERAGE PRODUCING SYSTEM
AND BEVERAGE PRODUCING
METHOD

Abstract:

Source: US2013129871A The invention provides a beverage substance cartridge, a tea filtering apparatus, a beverage producing equipment, a beverage producing system and a beverage producing method to efficiently solve the problem that a tea brewing equipment of the present technology has problems like slow tea leaf extraction, long tea drinker waiting time, low tea water temperature, bad tea water taste, etc. The water filling apparatus of the beverage producing equipment fills hot water into the bottom of the beverage substance cartridge near the side wall of the cartridge body, and forms ...

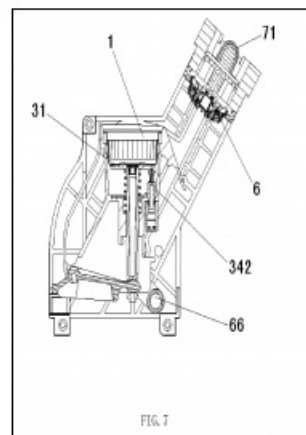
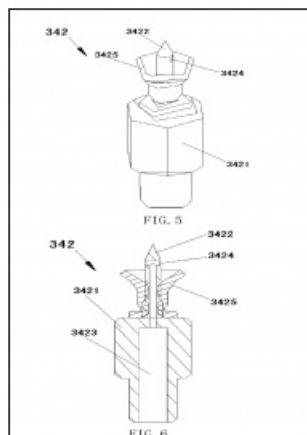
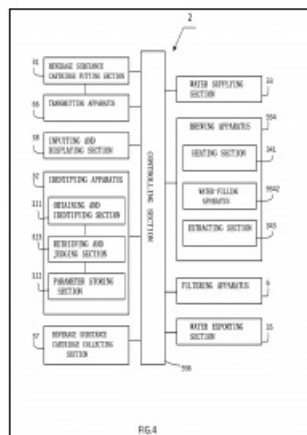
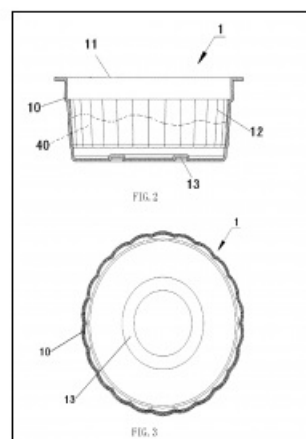
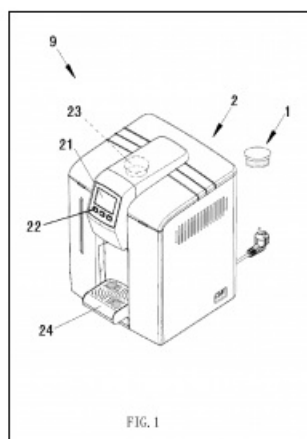
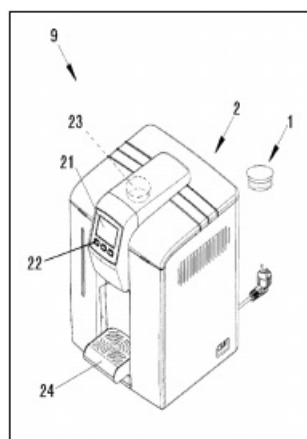
Probable Assignee:
TEATEK CO LTD

Assignee(s):(std):

SHANGHAI TEATEK CO LTD ;
SHANGHAI TIANTAI TEA IND
TECHNOLOGY CO LTD ; SHANGHAI
TIANTAI TEA INDUSTRY
TECHNOLOGY CO LTD ; SHI
YUSHENG ; TEATEK CO LTD ; YE
YANGSHENG

Assignee(s):

TEATEK CO ; SHANGHAI TIANTAI
TEA INDUSTRY TECHNOLOGY CO ;
SHANGHAI TIANTAI TEA IND
TECHNOLOGY CO ; SHANGHAI
TEATEK CO



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Title:

SUPPORT AND CAPSULE FOR PREPARING A BEVERAGE BY CENTRIFUGATION, SYSTEM AND METHOD FOR PREPARING A BEVERAGE BY CENTRIFUGATION

Abstract:

Source: US2013064929A Support (20) adapted to be associated with, or part of a capsule (7) for the preparation of a beverage, comprising a section on which at least one sequence of symbols (24) is represented so as that each symbol is sequentially readable, by a reading arrangement of an external device, while the capsule is driven in rotation along an axis of rotation, each sequence coding a set of information related to the capsule.

Probable Assignee:

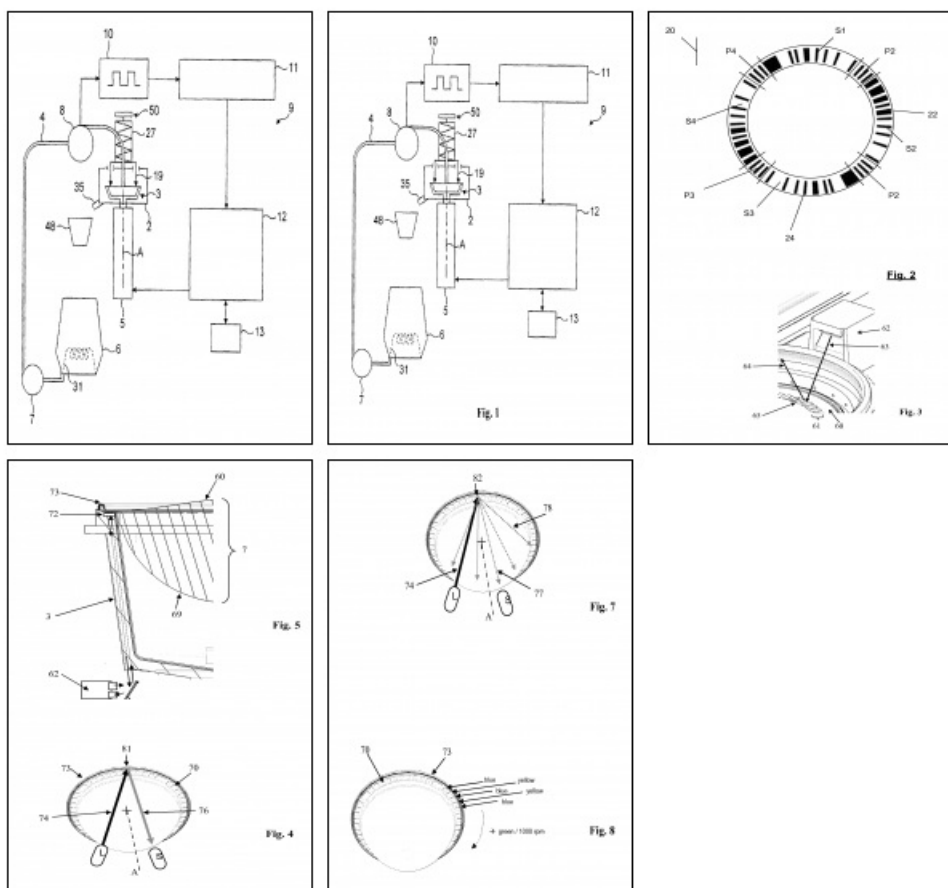
NESTEC SA

Assignee(s):(std):

ABEGGLEN DANIEL ; GERBAULET ARNAUD ; JARISCH CHRISTIAN ; KAESER STEFAN ; KAESER THOMAS ; NESTEC SA ; PERENTES ALEXANDRE ; MAGRI CARLO ; NESTEC SA ; NESTEC S A

Assignee(s):

NESTEC S A



Title:

PORTION CAPSULE HAVING AN IDENTIFIER

Abstract:

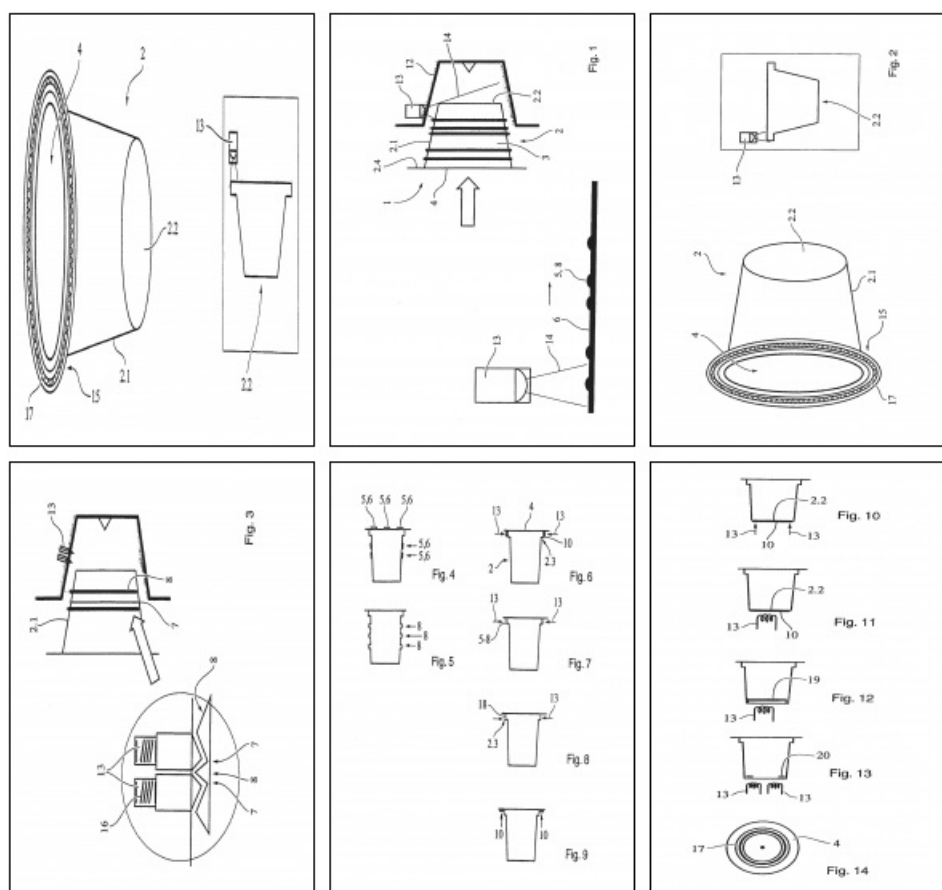
Source: US2013129872A A portion capsule for producing a beverage includes a base element having a cavity in which a beverage raw material is provided and which is closed by a membrane fastened to the base element.

Probable Assignee:

K FEE SYSTEM GMBH

Assignee(s):(std):

K FEE SYSTEM GMBH ; K FEE SYSTEMS GMBH ; KRUEGER GMBH AND CO KG ; KRUEGER MARC



7 more images available

Title:

CAPSULE BASED SYSTEM FOR
PREPARING AND DISPENSING A
BEVERAGE

Abstract:

Source: US2012231126A The present invention relates to dispensing of a substance from a container by means of a dispensing apparatus. Specifically, the exemplary embodiment of the present invention relates to (1) a container and (2) the automated method for opening such container and (3) the automated method of dispensing of the contents from such container into a customer receptacle or glass.

Probable Assignee:

LA VIT TECH LLC

Assignee(s):(std):

ADAMS DAVID PRESTON ; ADG DEV LLC ; CROSBY ALAN M ; BONNOITT JR GEORGE KINGMAN ; LAVERACK JOHN R ; LO FARO GIAN MATTEO ; LA VIT TECHNOLOGY LLC ; LO FORO GIAN MATTEO ; LO FORO GINA MATTEO ; LA VIT TECH LLC ; WESEMAN KURT R ; SHENTU YUANLI ; VIT TECHNOLOGY LLC ; WEAVER GREG G ; RIEHM GEORGE E ; WEAVER GREG ; STRATTON ALAN KENNETH

Assignee(s):

LA VIT TECHNOLOGY LLC NEW YORK ; RICHM GEORGE E ; BONNOITT GEORGE KINGMAN ; ADG DEVELOPMENT LLC

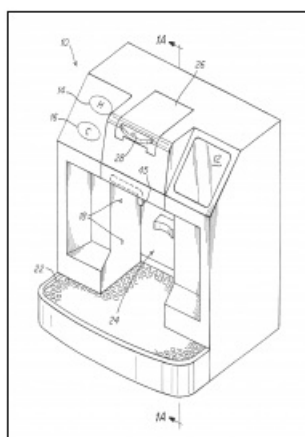


Fig. 1

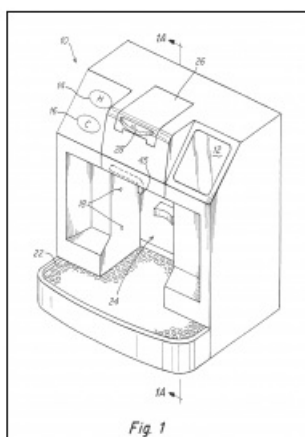


Fig. 1A

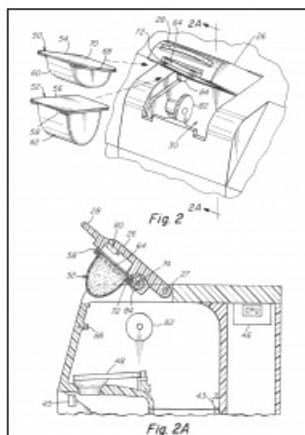
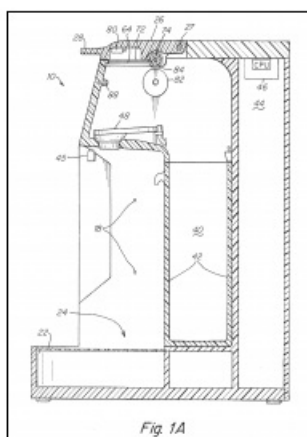


Fig. 2

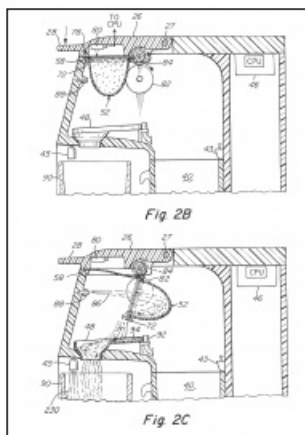


Fig. 2A

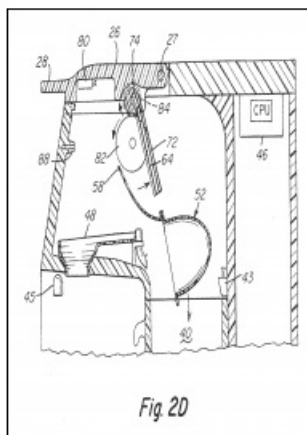


Fig. 2B

Fig. 2C

Fig. 2D

21 more images available

Title:
POUCH LOCATION DEVICE

Abstract:

Source: US2015010678A The present application relates to a pouch location device (18) for a machine (10) for dispensing beverages or foods, and in particular to a device for enabling a soft pouch (31) containing beverage or food ingredients to be accurately located in a bar code reader (37). The pouch location device comprises a slot (17) for receiving at least an end of a flexible pouch. The slot (17) has an entry aperture (32) at one end, an end wall (34) at the opposing end, a substantially transparent window (30) defining the top of the slot, a spring biased platen (33) defining the base ...

Probable Assignee:

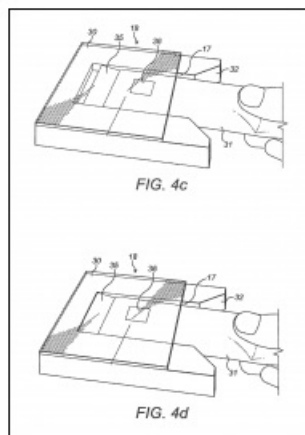
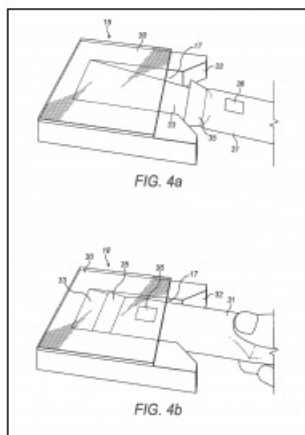
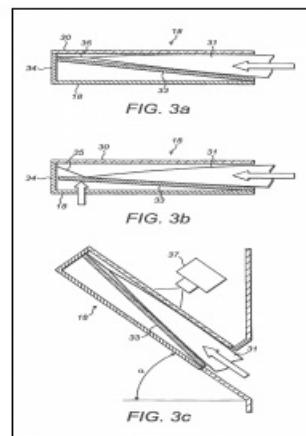
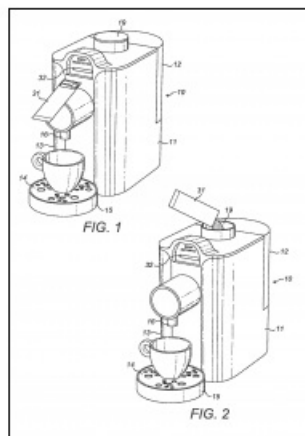
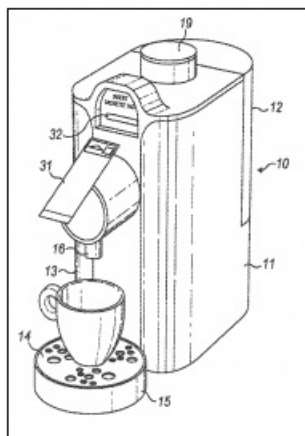
KRAFT FOODS R AND D INC

Assignee(s):(std):

BENTLEY ANDREW ; KRAFT FOODS R AND D INC ; KRAFT FUDS R AND D INC

Assignee(s):

KRAFT FOODS R AND D INC
DEERFIELD ; DOUWE EGBERTS BV
KONINKLL



Title:

OPTICAL READABLE CODE SUPPORT AND CAPSULE FOR PREPARING A BEVERAGE HAVING SUCH CODE SUPPORT PROVIDING AN ENHANCED READABLE OPTICAL SIGNAL

Abstract:

Source: US2014295032A An optically readable code support (30) to be associated with or be part of a capsule indented for delivering a beverage in a beverage producing device by centrifugation of the capsule, the support comprising at least one sequence of binary symbols represented on the support so that each symbol is sequentially readable by a reading arrangement of an external reading device while the capsule is driven in rotation along an axis of rotation, wherein the binary symbols are essentially formed of light reflective surfaces (400-403) and light absorbing surfaces (410-414). The ...

Probable Assignee:

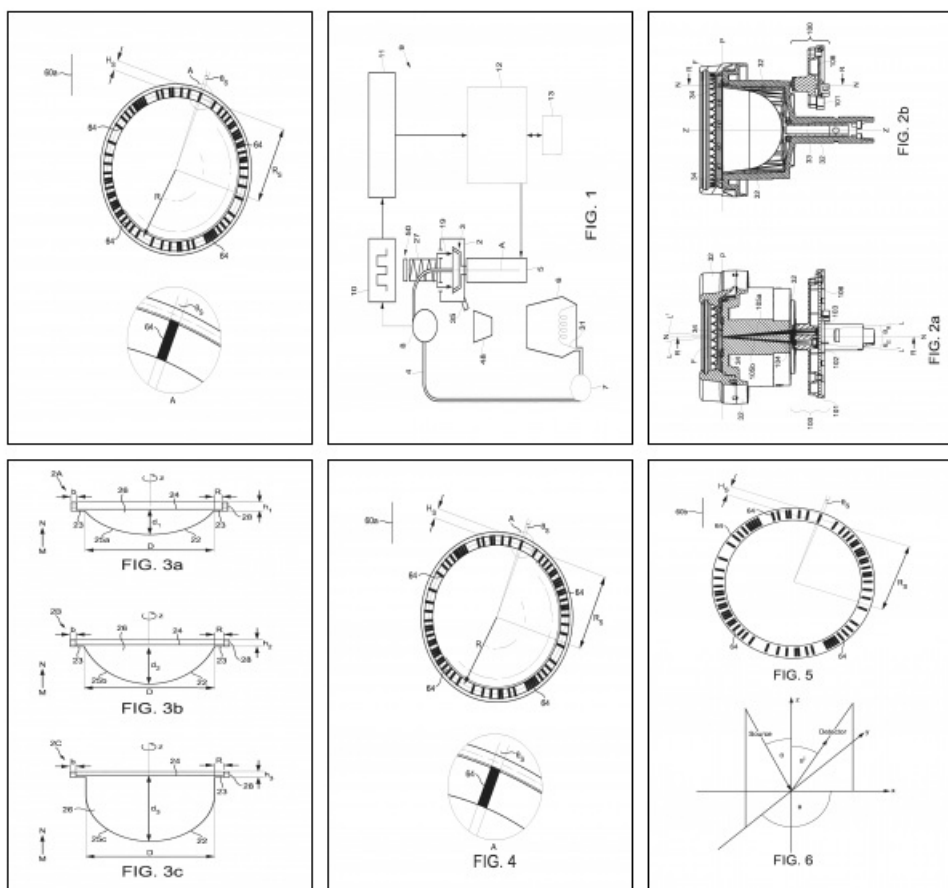
NESTEC SA

Assignee(s):(std):

NESTEC SA ; NECTEC S A ; NESTEK SA ; NESTEK S A

Assignee(s):

NORDQVIST DAVID ; PERENTES ALEXANDRE ; NESTEC S A ; MAGRI CARLO ; NESTEC SAAV. NESTLE 55CH-1800VEVEYCH ; NECTEC SA ; ABEGGLEN DANIEL ; BENZ PATRIK ; GERBAULET ARNAUD ; JARISCH CHRISTIAN ; KAESER STEFAN ; CARCOUSTICS TECHCONSULT GMBH



6 more images available

Title:
BEVERAGE FORMING DEVICE AND
METHOD WITH MOVING BEVERAGE
CARTRIDGE HOLDER

Abstract:

Source: US2014338542A Method and apparatus for receiving, moving and holding a cartridge. A cartridge holder may be movable between an open position in which the cartridge holder is in an upwardly inclined orientation to receive a cartridge and a closed position in which the cartridge holder is in a downwardly inclined orientation. A cover may be arranged to at least partially cover the opening of the cartridge holder with the cartridge holder in the closed position, yet be positioned away from the opening with the cartridge holder in the open position.

Probable Assignee:

KEURIG GREEN MOUNTAIN INC

Assignee(s):(std):

GREEN MOUNTAIN COFFEE
ROASTERS INC ; KEURIG GREEN
MOUNTAIN INC ; KEURIG INC

Assignee(s):

TINKLER IAN ; SHEPARD JAMES E ;
SMITH GEOFFREY Y ; KEURIG GREEN
MOUNTAIN INC33 COFFEE
LANEWATERBURYVT05676-8900US ;
KEURIG GREEN MOUNTAIN INC
WATERBURY ; JPMORGAN CHASE
BANK NA COLLATERAL AGENT AS

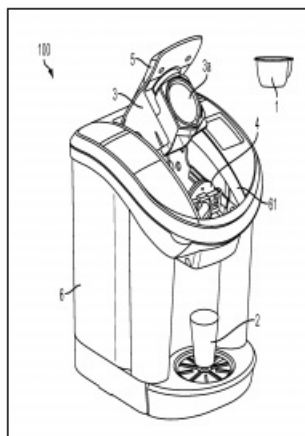


FIG. 1

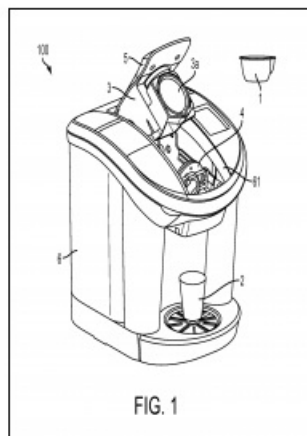


FIG. 2

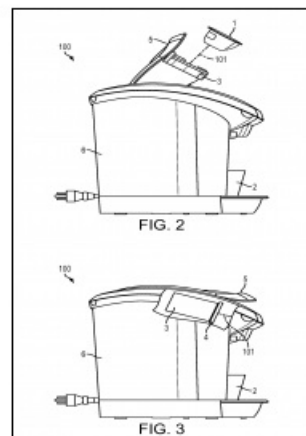


FIG. 3

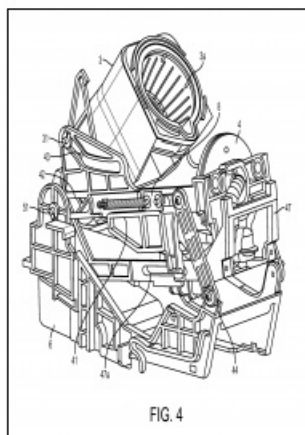


FIG. 4

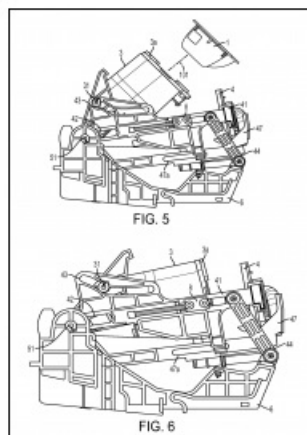


FIG. 5

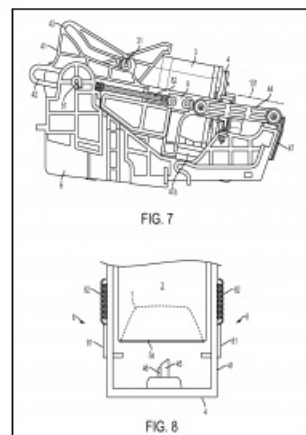


FIG. 6

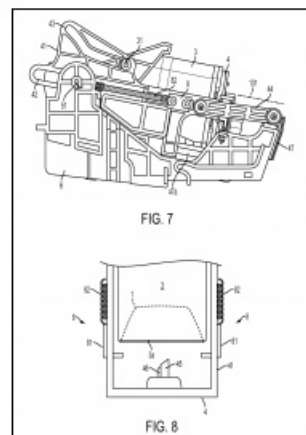


FIG. 7

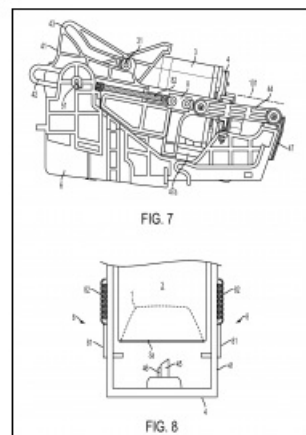


FIG. 8

5 more images available

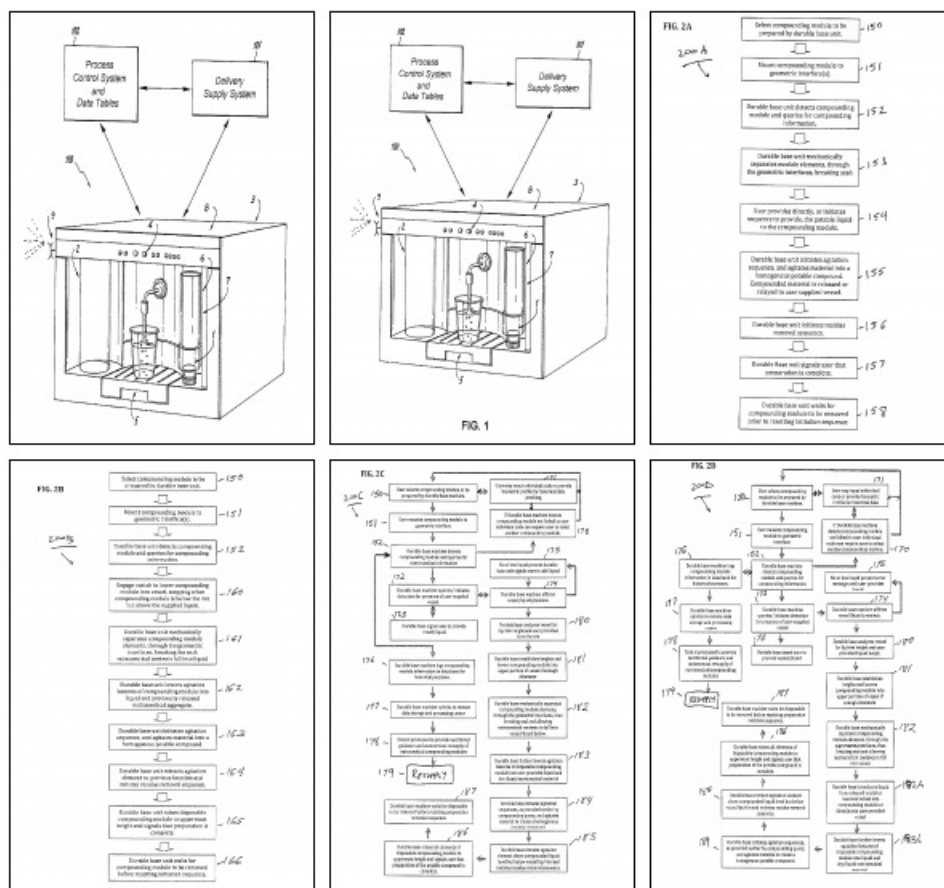
Title: BEVERAGE MIXING SYSTEM AND PROCESS

Abstract:
 Source: US2014165846A The present invention relates to a system and process for a nutraceutical beverage mixing system. Provided is a customizable supplement beverage system and method for personalizing and operating the same to a particular user and optionally for operative tracking. Proposed additionally is an operative system for receiving and individually identifying a concentrate or supplement combinations, for mixing the same prior to a use, and for dispensing the same for use, and for tracking control factors relating to the same.

Probable Assignee:
 GUDPOD HOLDINGS LLC

Assignee(s):(std):
 DUFFY BRENDAN ; GUDPOD CORP ;
 GUDPOD HOLDINGS LLC ;
 GUDPOD HOLDINGS LLC ; VAN
 DEURSEN GARY ; OCHOA GIAN
 CARLO ; TAYLOR JON ; PURPOD
 HOLDINGS LLC ; GUPOD HOLDINGS
 LLC

Assignee(s):
 GUPOD HOLDINGS LLC258
 PONDFIELD ROAD
 WESTBRONXVILLENY10708US



17 more images available

Title:
PACKAGE RECOGNITION SYSTEM

Abstract:

Source: US2015143999A The invention provides a beverage production machine having an apparatus for recognising a package. The apparatus comprises two resonant tank circuits, each comprising a coil and a capacitor; two electronic circuits for detecting changes in coil impedance; a means for generating a signal which is indicative of the changes; and means for controlling the beverage production machine according to the signal. The machine also comprises a holder for supporting the package. The package for use in the machine comprises a base unit having a compartment which contains tea ...

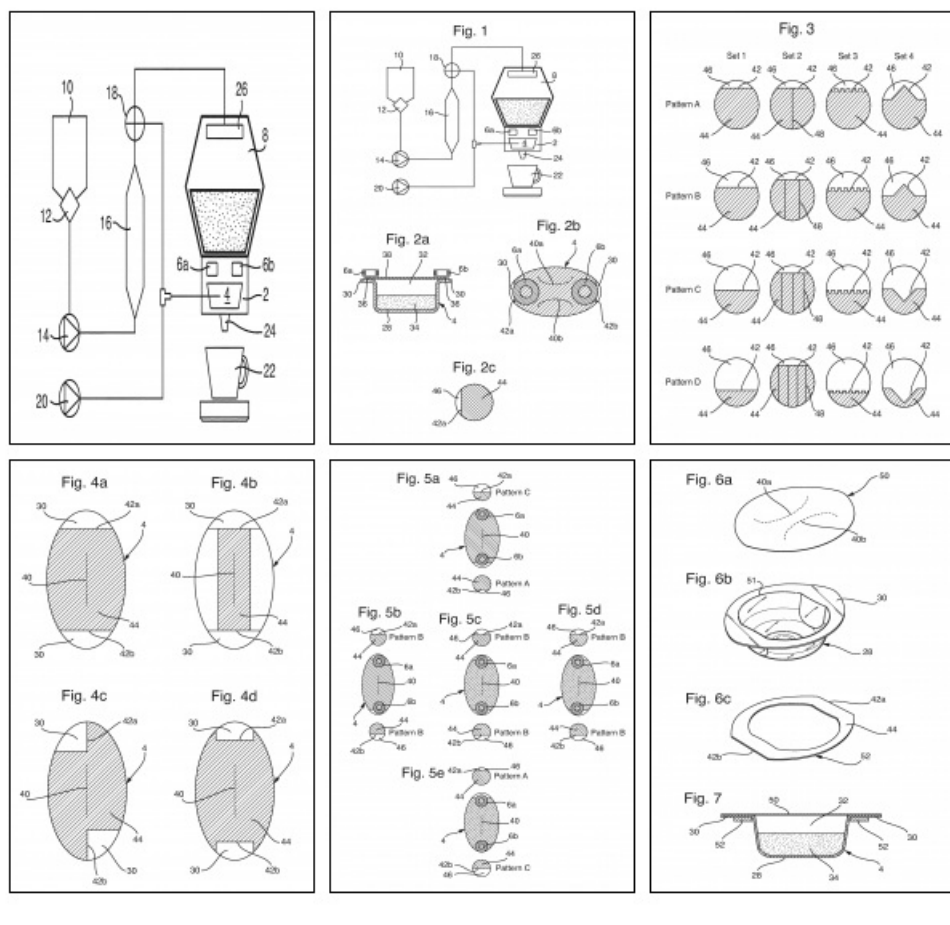
Probable Assignee:
CONOPCO INC D B A UNILEVER

Assignee(s):(std):

UNILEVER NV ; UNILEVER PLC ;
CONOPCO INC D B A UNILEVER ;
CONOPCO INC DBA UNILEVER ;
UNILEVER PLC NO 41424

Assignee(s):

UNILEVER PLC A CO REGISTERED
IN ENGLAND AND WALES UNDER CO
NO 41424 OF ; BITTAR AHMAD ;
CONOPCO INC ; CROSS DAVID
MURRAY ; CONOPCO INC D B A
UNILEVER ; TOON DANIEL THOMAS ;
PATON MICHAEL ; POPA CRISTIAN
SIMION ; SMITH ALISTAIR DAVID ;
UNILEVER N V ; UNILEVER PLC A CO
REGISTERED IN ENGLAND AND
WALES UNDER CO NO 41424 OF ;
UNILEVER PLC UNILEVER HOUSE100
VICTORIA EMBANKMENT EC4Y
0DY LONDON NL ; UNILEVER
PLC UNILEVER HOUSE100 VICTORIA
EMBANKMENT EC4Y 0DY LONDON GB ;
WILBY TERENCE JOHN ; WALTER
DANIEL MARK



Title:

CAPSULE OR CARTRIDGE AND INFUSION ASSEMBLY FOR THE PREPARATION OF A BEVERAGE, IN PARTICULAR COFFEE

Abstract:

Source: US2015297021A A capsule or cartridge (1) including a cup-shaped body (2) with a bottom wall (3), a lateral wall (4) and a flange-like top formation (5) which is essentially planar and extends transversely towards the outside, and a cover (6) fixed to the flange-like formation (5) of the body (2), such as to define a chamber (7) containing the material for the preparation of the beverage, in particular ground roasted coffee. The lateral wall (4) of the body (2) has a plurality of projections (8) and recesses (9) which as a whole define at least an identification of the capsule (1). ...

Probable Assignee:

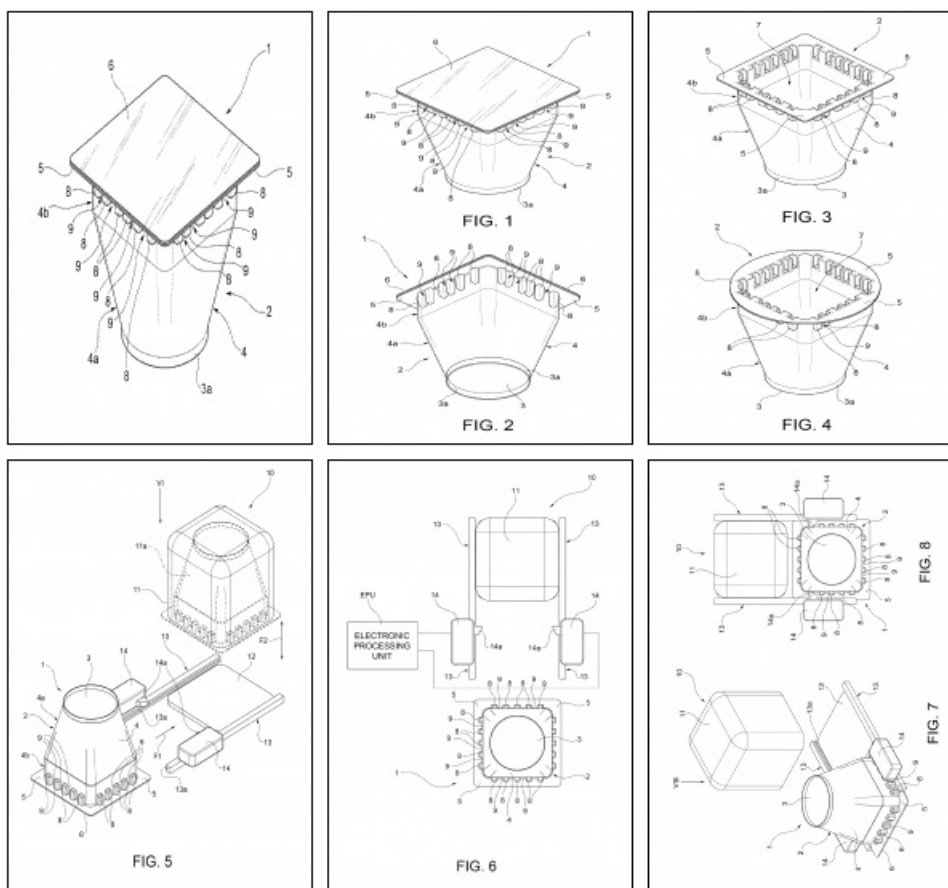
LUIGI LAVAZZA SPA

Assignee(s):(std):

LAVAZZA LUIGI SPA

Assignee(s):

LUIGI LAVAZZA SPA ; ROTTA DENIS
; LUIGI LAVAZZA SP A ;
BOLOGNESE DANILO ; BUGNANO
LUCA ; CABILLI ALBERTO



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