

Search history

Search SFT=(((cold or refrigeration) near (chamber or cylinder))) (Results 39851)

1:

Search 1 and (expansion 3w valve) (Results 1522)

2:

Search 2 and compressor (Results 1293)

3:

Search 3 and ((spiral or coil*) near cooling) (Results 217)

4:

Search 4 and PD<2017-07-13 (Results 213)

5:

Search 5 and cylinder* (Results 76)

6:

Search 6 and beverage (Results 9)

7:

Search 5 and (beverage* or drink*) (Results 28)

8:

Search [SP]: beverage cooling system a vehicle having an integrated air conditioning system and beverage cooling system comprising apparatus
9: for compressing a refrigerant fluid, first apparatus for receiving and evaporating the compressed refrigerant fluid, apparatus associated with the air conditioning system for circulating air across the first apparatus for receiving and evaporating, and second apparatus in heat conductive engagement with a beverage container for receiving and evaporating the compressed refrigerant fluid. (Results 24)

Search RF=(NC20170007050) (Results 9)

10:

Title: WATER COOLER

Abstract: 1. In a liquid cooler of the inverted bottle type, the combination with a cabinet, a liquid container therein adapted to receive an inverted bottle, a draw off connection therefor, a brine tank surrounding said container, and a receptacle in said cabinet adapted to receive and contain an ice drawer, of cooling means for said container and receptacle comprising an expansion unit of mechanical refrigeration apparatus communicating with said receptacle and brine tank whereby said receptacle is cooled by direct expansion and said liquid container is cooled through the medium of the brine. "

Classifications:

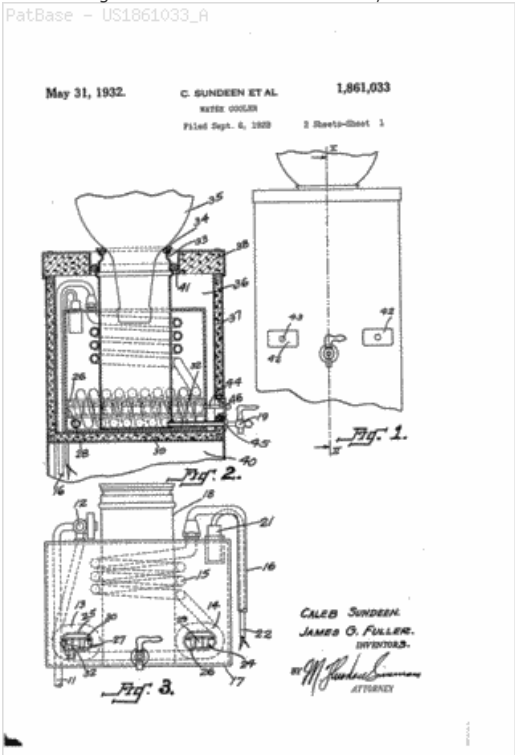
International (IPC 8-9): F25D31/00 (Advanced/Invention);
F25D31/00 (Core/Invention)

International (IPC 1-7): F28D1/00

CPC: F25D31/002

European: F25D31/00C

US: 62/201 62/229 62/339 62/398 62/526



Family:

Publication number	Publication date	Application number	Application date
US1861033 A	19320531	US19280304226	19280906

Priority:

US19280304226 19280906

Probable Assignee: ICEBERG MFG CO
Assignee(s): (std): ICEBERG MFG CO ; ICEBERG MFG COMPANY
Assignee(s): ICEBERG MANUFACTURING COMPANY
Inventor(s): (std): CALEB SUNDEEN ; FULLER JAMES G
Inventor(s): SUNDEEN CALEB

Title: REFRIGERATION

Abstract: I claim: 1. In a refrigerator cabinet, an insulated compartment having an open side, a receptacle movable into and out of said compartment through the open side thereof and provided with its own refrigerating system including a condenser portion and an evaporator portion, and cold-producing means in said cabinet disposed for heat exchange association with said condenser portion of the receptacle refrigerating system when said receptacle is moved into said compartment. 3. In a refrigerator cabinet, a compartment having an open side, a bin-like receptacle movable into and out of said compartment through the open side thereof and provided with its own refrigerating system including a condenser portion and an evaporator portion, and cold producing means in said cabinet disposed for heat exchange association with said condenser portion of the receptacle refrigerating system when said receptacle is moved into said compartment. 3. In a refrigerator cabinet, an insulated compartment having an open side, a receptacle movable into and out of said compartment through the open side thereof and provided with its own refrigerating system including a condenser portion and an evaporator portion, and refrigerating means in said cabinet including an evaporator portion disposed for heat exchange association with said condenser portion of the receptacle refrigerating system when said receptacle is moved into said compartment. 4. In a refrigerator cabinet, an insulated compartment having an open side, a structure including a receptacle hinged to the cabinet for swinging movement into and out of said compartment through the open side thereof, a self-contained refrigerating system carried by said receptacle and including a condenser portion, and refrigerating means in said cabinet including an evaporator portion disposed for heat exchange association with said condenser portion of the receptacle refrigerating system when said receptacle is moved into said compartment. 5. In a refrigerator cabinet having an insulated compartment and a door for closing the same, a receptacle supported on the door, a secondary refrigerating system carried by said receptacle and provided with a condenser portion, and cold-producing means arranged in said cabinet for heat exchange association with said condenser portion when the door is in closed position. 8. In combination with a refrigerator cabinet having cold producing means therein, an insulated compartment provided with an access opening, a door mounted on said cabinet to extend across said opening, a food receptacle supported on said door, and refrigerant evaporator and condenser means carried by said receptacle, said condenser being disposed for heat exchange association with said cold producing means. 11. In combination with a refrigerator cabinet having cold producing means therein, an insulated compartment provided with an access opening, a door mounted on said cabinet to extend across said opening, a food receptacle removably suspended on said door, and refrigerant evaporator and condenser means carried by said receptacle, said condenser being disposed for heat exchange association with said cold producing means. 8. In combination with a refrigerator cabinet having cold producing means therein, an insulated compartment provided with an access opening, a door mounted on said cabinet to extend across said opening, a food receptacle having a wall forming an inner panel for said door, and refrigerant evaporator and condenser means carried by said receptacle, said condenser being disposed for heat exchange association with said cold producing means. 9. Refrigeration apparatus comprising a cabinet having a main food storage compartment and an auxiliary compartment isolated from said main compartment, a receptacle in said auxiliary compartment and provided with its own refrigerating system including a condenser portion and an evaporator portion, a main refrigerating system in said cabinet including an evaporator portion for cooling said main food compartment, and an auxiliary cold-producing means in heat exchange relation with said evaporator portion of the main refrigerating system and with the said condenser portion of the receptacle refrigerating system. 10. Refrigeration apparatus comprising a cabinet having a main food storage compartment and an auxiliary compartment isolated from said main compartment, a receptacle in said auxiliary compartment and provided with its own refrigerating system including a condenser portion and an evaporator portion, a main refrigerating system in said cabinet including an evaporator portion for cooling said main food compartment, and a supplementary refrigerating system linking the evaporator portion of the main refrigerating system to the condenser portion of the receptacle refrigerating system. 11. Refrigeration apparatus comprising a cabinet having a main food storage compartment and an auxiliary compartment isolated from said main compartment, a receptacle in said auxiliary compartment, a secondary refrigerating system carried by said receptacle and including a condenser portion and an evaporator portion, a primary refrigerating system in said cabinet including an evaporator portion for cooling said main food compartment, and a supplementary second refrigerating system linking the evaporator portion of the primary refrigerating system to the condenser portion of the secondary refrigerating system carried by said receptacle. 12. A closure member for the open side of a compartment in a refrigerator cabinet, said closure member comprising a panel positionable in confronting relation with the open side of said compartment, a receptacle carried by said panel, and a closed secondary refrigerating system carried by said receptacle. 13. A closure member for the open side of a compartment of a refrigerator, said closure member comprising a panel positionable in confronting relation with the open side of said compartment, a receptacle detachably supported on said panel, and a closed secondary refrigerating system carried by said receptacle. 14. A refrigerator door comprising a bin-like receptacle having a wall forming an inner panel for said door, and a closed secondary refrigerating system carried by said receptacle.

Classifications:**International (IPC 8-9):** F25D11/02 (Advanced/Invention);

F25D23/12 (Advanced/Non-invention);

F25D11/02 (Core/Invention);

F25D23/12 (Core/Non-invention)

International (IPC 1-7): F25D19/00 F25D23/04**CPC:** F25D11/025 F25D23/12 F25D2303/081 F25D2331/803

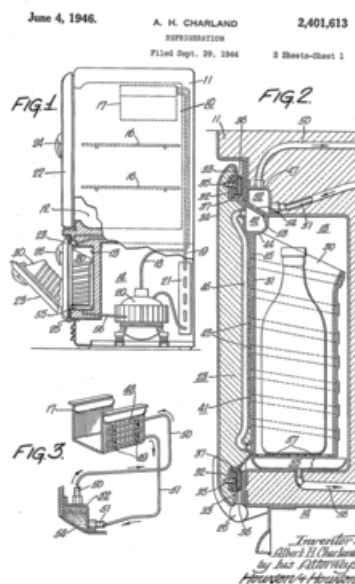
F25D2331/804 F25D2331/806

European: F25D11/02C R25D23/12 R25D303/081 R25D331/803

R25D331/804 R25D331/806

US: 312/328 62/326 62/331 62/334 62/377 62/438 62/442 62/457.9 62/466

PatBase - US2401613_A



Publication number	Publication date	Application number	Application date
 US2401613 A	19460604	US19440556403	19440929

Priority:

US19440556403 19440929

Probable Assignee:

PHILCO CORP

Assignee(s): (std):

PHILCO CORP

Inventor(s): (std):

CHARLAND ALBERT H

Title: COOLING UNIT FOR BEVERAGE SERVING ASSEMBLIES

Abstract: 1. A beverage line chilling evaporator assembly of a multiple-draw beverage cooler, said evaporator assembly including a length of flexible multiple tubing having an outer tube for refrigerant evaporation and a plurality of inner tubes each forming parts of the beverage lines of the multiple-draw beverage cooler, with end portions of the outer tube sealed about the inner tubes. the several said tubes being of flexible metal and of generally circular section, and the inner tubes being metalllally united to each other in spaced zones along thelengths thereof within the outer tube, an enlarged refrigerant-receiving chambered casing in one end region of the outer tube, and an expansion valve near the refrigerant-receiving end of the outer tube.

Classifications:

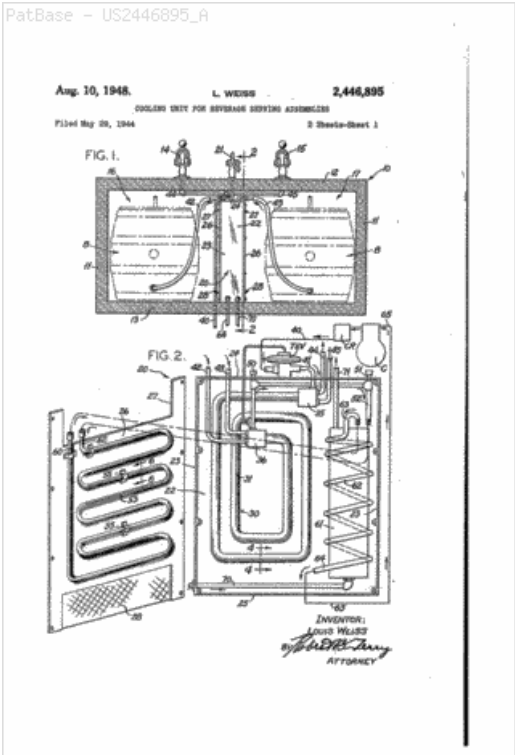
International (IPC 8-9): F25D31/00 (Advanced/Invention);
F25D31/00 (Core/Invention)

International (IPC 1-7): B67D5/62

CPC: F25D31/002 F25D2331/802 Y10T137/6579 B67D1/0858
B67D1/0865

European: F25D31/00C R25D331/802

US: 137/340 222/131 62/224 62/394 62/396



Family:

Publication number	Publication date	Application number	Application date
US2446895 A	19480810	US19440537931	19440529

Priority:

US19440537931 19440529

Probable Assignee:

LOUIS WEISS

Assignee(s): (std):

LOUIS WEISS

Inventor(s): (std):

LOUIS WEISS

Inventor(s):

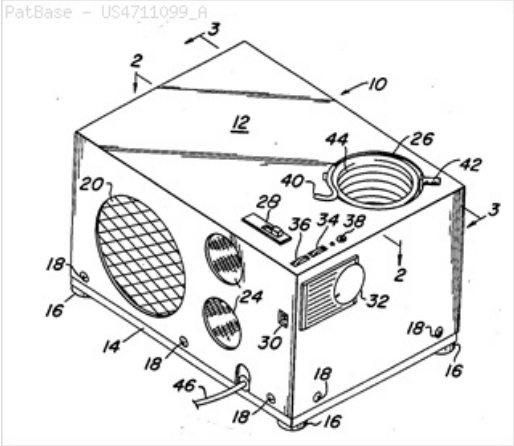
WEISS LOUIS

Title: Portable quick chilling device

Abstract: The present invention is directed to a portable quick chilling device. A compressor is affixed to a base. A condenser is operatively connected to the compressor. A fan is provided for blowing air across the condenser. An accumulator is operatively connected to the condenser. A capillary tube (expansion valve) is operatively connected to the accumulator. The capillary tube is operatively connected to an evaporator. The evaporator is operatively connected to the compressor. The evaporator is a coil of tubing. Each ring of the coil is in contact with an adjacent ring. An inwardly facing surface of each ring is flattened. The capillary tube enters the coil where said evaporator is operatively connected to the compressor. The tube passes within the coil. The free end of the tube is bent to point back down the coil. The device cools a 12 ounce beverage can from about 75 DEG F. to about 45 DEG F. in about 4 minutes.

Classifications:

International (ipc 8-9): F25D15/00 F25D23/12 F25D3/08
F25D31/00 (Advanced/Invention);
F25D15/00 F25D23/12 F25D3/00 F25D31/00 (Core/Invention)
International (ipc 1-7): F25D3/00 F25D3/08
CPC: F25D15/00 F25D23/12 F25D31/007 F25D2400/28
European: F25D15/00 F25D23/12 F25D31/00H2 R25D400/28
US: 62/293 62/371 62/457.4 62/457.9 62/504 62/530



Family:

Publication number	Publication date	Application number	Application date
KR19880003160 A	19880514	KR19860009652	19861115
KR900001358 B1	19900308	KR19860009652	19861115
US4711099 A	19871208	US19860902242	19860829

Priority:

US19860893505 19860805 US19860902242 19860829

Probable Assignee: CENTRAL SPRINKLER A CORP OF PA CORP

Assignee(s): (std): CENTRAL SPRINKLER CORP ; CENTROL SPRINKLER CORP

Assignee(s): CONGRESS FINANCIAL CORP ; CENTRAL SPRINKLER A CORP OF PA CORP ; CENTRAL SPRINKLER CO ; CENTRAL SPRINKLER CO A OF PENNSYLVANIA CORP

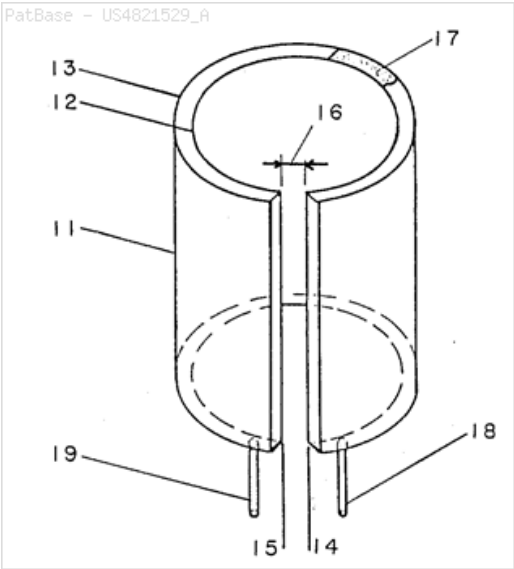
Inventor(s): (std): POLAN GEORGE S ; GLINECKE HERMANN R

Title: Refrigeration system for motor cars

Abstract: The invention relates to a refrigeration system for use in motor-cars equipped with an air-conditioning system. The refrigeration system comprises a metal cooling mantle through which a cold refrigerant is circulated, the size of the mantle being such as to closely fit a standard beverage can or bottle. Preferably, the mantle has a gap along one of its sides parallel to the axis, so that when there is circulated a refrigerant through the said mantle, the gap narrows or closes, thus establishing contact between the inner surface of the mantle and the beverage container. The cooling is rapid and takes up only a small part of the cooling capacity of the air-conditioning system.

Classifications:

International (IPC 8-9): B60N3/10 F25B5/00
F25D31/00 (Advanced/Invention);
B60N3/10 F25B5/00 F25D31/00 (Core/Invention)
International (IPC 1-7): B60H1/32 F25D31/00
CPC: B60N3/104 F25B5/00 F25B2600/2511 F25D31/006
European: B60N3/10R F25B5/00 F25D31/00H R25B600/2511
US: 62/239 62/244 62/337



Family:

Publication number	Publication date	Application number	Application date
DE3740350 A1	19880609	DE19873740350	19871127
IL80805 A0	19870227	IL19860080805	19861128
IL80805 A1	19910816	IL19860080805	19861128
US4821529 A	19890418	US19870125386	19871125

Priority:

IL19860080805 19861128 IL19860080805 19861128

Probable Assignee: ELIAHU MEIER

Assignee(s): (std): ELIAHU MEIER ; LORAN AND CO ; LORDAN AND CO ; MEIER ELIAHU

Assignee(s): LORDAN AND CO KFAR SZOLD MOBILE POST GALIL ELYON I ; LORDAN AND CO HEAT TRANSFER EQUIPMENT

Inventor(s): (std): MAIER ELIAHO ; MEIER ELIAHU

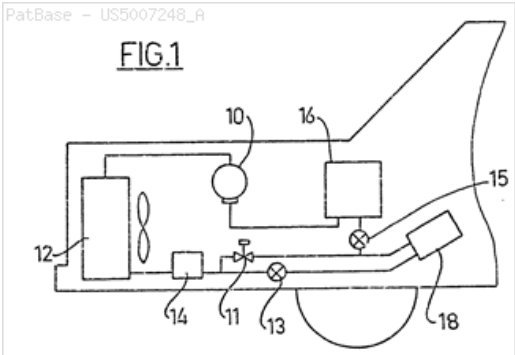
Agent(s): SANFORD TCOLB AND CO

Title: Beverage cooling system

Abstract: A vehicle having an integrated air conditioning system and beverage cooling system comprising apparatus for compressing a refrigerant fluid, first apparatus for receiving and evaporating the compressed refrigerant fluid, apparatus associated with the air conditioning system for circulating air across the first apparatus for receiving and evaporating, and second apparatus in heat conductive engagement with a beverage container for receiving and evaporating the compressed refrigerant fluid.

Classifications:

International (ipc 8-9): B60H1/32 B60N3/10 F25B5/04 F28D1/06 (Advanced/Invention); B60H1/32 B60N3/10 F25B5/00 F28D1/00 (Core/Invention)
International (ipc 1-7): B60H1/00 B60H1/32 B60N3/10 B67D F24F3/06 F25D17/06 F25D19/00 F25D23/12 F28D7/00 F28D9/00
CPC: B60H1/323 B60N3/104 F25B5/04 F25B2600/2511 F25D2400/28 F28D1/06
European: B60H1/32C9 B60N3/10R F25B5/04 F28D1/06 R25B600/2511 R25D400/28
US: 62/244 62/293 62/457.9



Family:

Publication number	Publication date	Application number	Application date
AU198933112 A1	19891019	AU19890033112	19890417
BRPI8901784 A	19891128	BR1989PI01784	19890414
ES2016139 AF	19901016	ES19890001172	19890404
FR2630050 A1	19891020	FR19890005141	19890418
FR2630050 B1	19910517	FR19890005141	19890418
GB2218193 A1	19891108	GB19890008438	19890414
GB2218193 B2	19920304	GB19890008438	19890414
GB8908438 A0	19890601	GB19890008438	19890414
IL86105 A0	19881115	IL19880086105	19880418
IL86105 A1	19921115	IL19880086105	19880418
IT1228996 A	19910712	IT19890020112	19890413
IT8920112 A0	19890413	IT19890020112	19890413
US5007248 A	19910416	US19890429145	19891030
ZA8902617 A	19901128	ZA19890002617	19890411

Priority:

IL19880086105 19880418 US19890429145 19891030

Probable Assignee: LORDAN AND CO

Assignee(s): (std): LORDAN AND CO ; LORDAN CO

Assignee(s): LORDAN AND CO KFAR SZOLD MOBILE POST GALIL ELYON 1

Inventor(s): (std): KOVESH YAIR ; MAIER ELIAHU ; ZOREA ABRAHAM ; YAIR KOVESH ; HUGO ZOREA ; ELIAHU MEIR ; ELIAHU MAIER ; ABRAHAM ZOREA

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; SANFORD TCOLB AND CO

Title: AUXILIARY SUB-COOLER FOR REFRIGERATED DISPENSER

Abstract: A freeze type dispenser having a refrigeration system including a compressor, condenser, expansion means and evaporator in the form of one or more freeze chambers in an enclosure is provided with a sub-cooler or auxiliary coil. The sub-cooler is located downstream of the condenser but upstream of the expansion means and is supplied with condensed refrigerant liquid. The sub-cooler is located adjacent the freeze chamber enclosure to prevent or reduce condensation of the same, without adversely affecting, and in fact increasing cooling performance or capacity.

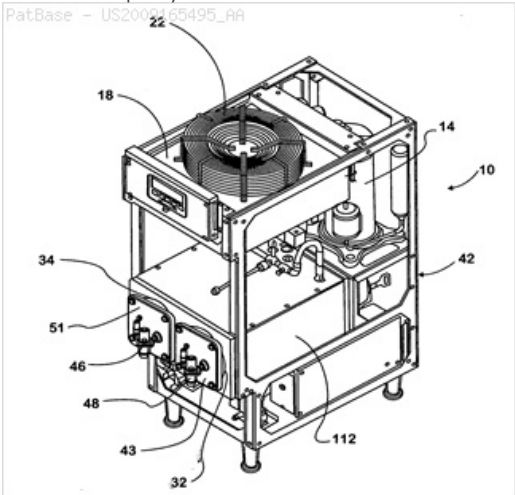
Classifications:

International (IPC 8-9): F25D11/00 F25D3/00 (Advanced/Invention); F25D11/00 (Core/Invention)

CPC: F25B40/02 F25D21/04

European: F25D21/04 R25B40/02

US: 62/389 62/390 62/441 62/441P



Family:

Publication number	Publication date	Application number	Application date
US2009165495 AA	20090702	US20080291965	20081114
US8196425 BB	20120612	US20080291965	20081114

Priority:

US20070003279P 20071115 US20080291965 20081114

Probable Assignee:

CORNELIUS INC

Assignee(s): (std):

IMI CORNELIUS INC ; POPOV NIKOLAY

Assignee(s):

CORNELIUS INC

Inventor(s): (std):

POPOV NIKOLAY

Agent(s):

PYLE AND PIONTEK LLC

Title: METHOD FOR PRODUCING AND EXTEMPORARILY SELLING FOOD SUBSTANCES AND EXPOSING AND SELLING EQUIPMENT ACCORDING SAID METHOD

Abstract: The invention refers to a method and an equipment for producing, exposing and extemporaneously retailing foodstuffs subjected to thermal treatment and mixing or stirring, particularly of Italian ice cream or similar, having several flavors, wherein:-several flavors of such foodstuffs are produced, particularly of ice cream or similar in at least as many treatment units, each one having a stirring or batch cylinder and thermal treatment means; the obtained product is preserved in the corresponding stirring or batch cylinders; and-product measures are taken out whenever requested by consumers directly from said stirring or batch cylinders.

Classifications:

International (IPC 8-9): A23G9/04 A23G9/12 A23G9/22 A23G9/28 (Advanced/Invention);

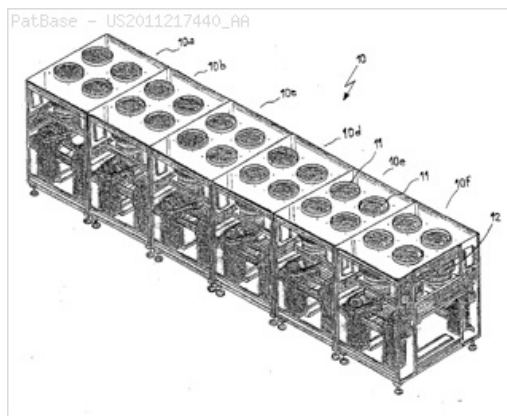
A23G9/00 A23G9/04 (Core/Invention)

International (IPC 1-7): A23G9/20 A23G9/22

CPC: A23G9/04 A23G9/12 A23G9/225 A23G9/228 A23G9/282 A23G9/305

European: A23G9/04 A23G9/12 A23G9/22J A23G9/22N A23G9/28D2 A23G9/30D

US: 426/519 426/519P 99/348 99/348S 99/485 99/485S



Family:

Publication number	Publication date	Application number	Application date
AR073961 AA	20101215	AR2009P104090	20091023
BRPI0822828 A2	20141014	BR2008PI22828	20081027
BRPI0822828 B1	20180206	BR2008PI22828	20081027
CN102215699 A	20111012	CN200880131695	20081027
DE602008032643 D1	20140717	DE200860032643T	20081027
DK2242376 T3	20140901	DK20080876080T	20081027
EP2242376 A1	20101027	EP20080876080	20081027
EP2242376 B1	20140604	EP20080876080	20081027
SI2242376 T1	20140930	SI20080031259T	20081027
US2011217440 AA	20110908	US20080124927	20081027
WO10049956 A1	20100506	WO2008IT00667	20081027

Priority:

BR2008PI22828 20081027 EP20080876080 20081027 WO2008IT00667 20081027

Probable Assignee: IDEA3A SRL

Assignee(s): (std): ALI S P A CARPIGIANI ; GROTTI RENZO ; IDEA3A S R L ; IDEA 3A S R L

Assignee(s): ALI CARPIGIANI GROUP SPA ; ALI CARPIGIANI SPA ; IDEA3A SRL

Inventor(s): (std): RENZO GROTTI ; GROTTI RENZO

Agent(s): GODEMEYER BLUM LENZE PATENTANWALTE PARTNERSCHAFT MBB; MARIETTI ANDREA; MARIETTI GIUSEPPE

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

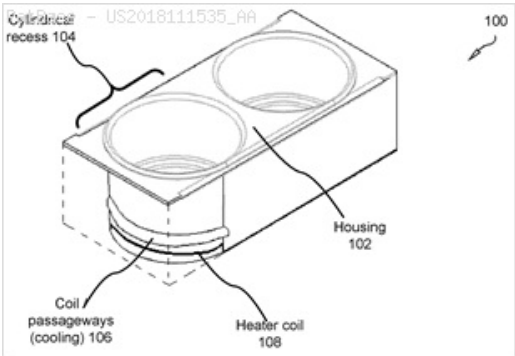
Title: TEMPERATURE-CONTROLLED BEVERAGE CONTAINER ADAPTED FOR COMPATABILITY WITH AUTOMOTIVE AIR CONDITIONING

Abstract: An automotive beverage container interconnected with an automotive air conditioning system and power supply to heat and cool a contained beverage to a predetermined temperature.

Classifications:

International (IPC 8-9): B60N3/10 (Advanced/Invention)

CPC: B60N3/104 B60H1/00



Family:

Publication number	Publication date	Application number	Application date
■ US2018111535 AA	20180426	US20160369771	20161205

Priority:

US20160410673P 20161020 US20160369771 20161205

Probable Assignee: HARRIS WILLIAM

Assignee(s): (std): HARRIS WILLIAM

Inventor(s): (std): HARRIS WILLIAM