A transport barrel for containing beverage includes a heat-insulation barrel and an inner tank. The heat-insulation barrel has a barrel body and a barrel lid. The barrel body is made of heat-insulation material and has a receiving recess. The barrel lid is mounted on the barrel body. The inner tank is made of metal material and is detachably mounted in the receiving recess of the barrel body. The present invention is very easy to transport and is able to keep beverage cooled for a long time. The inner tank can be re-filled for re-cooling repeatedly and is very convenient in use.
TRANSPORT BARREL FOR CONTAINING BEVERAGE

BACKGROUND OF THE INVENTION

[0001] 1. Field of the Invention
[0002] The present invention relates to a beverage container and more particularly to a transport barrel for containing beverage.
[0003] 2. Description of Related Art
[0004] A conventional beverage container is made of metal and stored in a refrigerator to rapidly cool down beverages in the beverage container. Because the conventional beverage container cannot keep cooling by itself, the conventional beverage container has to be kept in a refrigerated truck for transporting. If the amount of the conventional beverage containers being transported is only a few, the transporting cost for each beverage container becomes relatively high.

[0005] To overcome the shortcomings of the conventional beverage container, the present invention provides a transport barrel for containing beverage to mitigate or obviate the aforementioned problems.

SUMMARY OF THE INVENTION

[0006] The main objective of the present invention is to provide a transport barrel for containing beverage including a heat-insulation barrel and an inner tank. The heat-insulation barrel has a barrel body and a barrel lid. The barrel body is made of heat-insulation material and has a receiving recess. The barrel lid is mounted on the barrel body. The inner tank is made of metal material and is detachably mounted in the receiving recess of the barrel body. The present invention is very easy to transport and is able to keep beverage cooled for a long time. The inner tank can be re-filled for re-cooling repeatedly and is very convenient in use.

[0007] Other objects, advantages, and novel features of the invention will become more apparent from the following detailed description when taken in conjunction with the accompanying drawing.

BRIEF DESCRIPTION OF THE DRAWINGS

[0008] FIG. 1 is a perspective view of a transport barrel for containing beverage in accordance with the present invention;
[0009] FIG. 2 is an exploded perspective view of the transport barrel in FIG. 1;
[0010] FIG. 3 is a front view in partial section of the transport barrel in FIG. 1;
[0011] FIG. 4 is an operational exploded perspective view of the transport barrel in FIG. 1;
[0012] FIG. 5 is an operational perspective view of the transport barrel in FIG. 1;
[0013] FIG. 6 is an operational exploded perspective view of the transport barrel in FIG. 1; and
[0014] FIG. 7 is an exploded perspective view of a second embodiment of a transport barrel for containing beverage in accordance with the present invention.

DETAILED DESCRIPTION OF PREFERRED EMBODIMENT

[0016] With reference to FIGS. 1 to 3, a first embodiment of a transport barrel for containing beverage includes a heat-insulation barrel 10 and an inner tank 20.

[0017] The heat-insulation barrel 10 includes a barrel body 11 and a barrel lid 12. The barrel body 11 is round in cross-section, is made of heat-insulation material such as wood, form plastic, etc. and has an opening 111, a receiving recess 112, multiple buckle recesses 113, and two holding recesses 114.

[0018] The opening 111 and the receiving recess 112 are formed in a top of the barrel body 11 and communicate with each other. The buckle recesses 113 are arranged around an inner periphery of the barrel body 11 and are located adjacent to the opening 111. The holding recesses 114 are formed in an outer periphery of the barrel body 11 and are diametrically opposite to each other.

[0019] The barrel lid 12 corresponds to and is covered on the barrel body 11 and has a lid flange 121 and multiple buckles 122. The lid flange 121 is formed on a bottom of the barrel lid 12. The buckles 122 protrude from and are arranged around the lid flange 122 and are respectively mounted in the buckle recesses 113 by rotating the barrel lid 12.

[0020] The inner tank 20 is made of metal, is mounted in the receiving recess 112, and has a discharge tube 21 and a pair of handles 22. Preferably, the discharge tube 21 is detachably connected with the barrel body 11 by threads. The handles 22 are mounted on a top of the inner tank 20 and are located on two sides of the discharge tube 21. The inner tank 20 can be lifted by the handles 22 and put in the barrel body 11 for keeping cooling.

[0021] With reference to FIGS. 1, 4 to 6, in a transport process, the inner tank 20 can be cooled in advance and be mounted in the barrel body 11 of the heat-insulation barrel 10. The barrel lid 12 is covered on the inner tank 20 and is buckled with the barrel body 11 to keep the inner tank 20 in the cooling state, such that the temperature of inner tank 20 will not rise up quickly during transportation. After arriving at the destination, the inner tank 20 can be lifted by the handles 22 from the barrel body 11, and the beverage in the inner tank 20 is still in the cooling state and can be poured from the inner tank 20 to drink.

[0022] When the inner tank 20 is empty, the inner tank 20 can be re-filled for re-cooling in the refrigerator independently and repetitively without the heat-insulation barrel 10, and is very convenient in use.

[0023] With reference to FIG. 7 in a second embodiment of the transport barrel for containing beverage in accordance with the present invention, the elements and effects of the second embodiment are same with those in the first embodiment except the barrel lid 12A further has a through hole 123 and is formed through a center of the barrel lid 12A. The discharge tube 21 is mounted through the through hole 123 and is detachably connected with the inner tank 20 by threads.

[0024] Even though numerous characteristics and advantages of the present invention have been set forth in the foregoing description, together with details of the structure and function of the invention, the disclosure is illustrative only, and changes may be made in detail, especially in matters of shape, size, and arrangement of parts within the principles of the invention to the full extent indicated by the broad general meaning of the terms in which the appended claims are expressed.
What is claimed is:

1. A transport barrel comprising:
   a barrel body made of heat-insulation material and having
   - an opening formed in a top of the barrel body;
   - a recess formed in the top of the barrel body
     and communicating with the opening; and
   - an inner tank made of metal, detachably mounted in the
     receiving recess of the barrel body, and having a discharger tube connected with the barrel body.

2. The transport barrel as claimed in claim 1, wherein the
   barrel body has multiple buckle recesses arranged around an inner periphery of the barrel body and located
   adjacent to the opening;

3. The transport barrel as claimed in claim 1, wherein the
   inner tank further has a pair of handles mounted on a top of the
   inner tank and located on two sides of the discharge tube.

4. The transport barrel as claimed in claim 2, wherein the
   inner tank further has a pair of handles mounted on a top of the
   inner tank and located on two sides of the discharge tube.

5. The transport barrel as claimed in claim 3, wherein the
   barrel lid further has a through hole formed through a center of the barrel lid, and the discharge tube is mounted through
   the through hole and is connected with the inner tank.

6. The transport barrel as claimed in claim 4, wherein the
   barrel lid further has a through hole formed through a center of the barrel lid, and the discharge tube is mounted through
   the through hole and is connected with the inner tank.

7. The transport barrel as claimed in claim 5, wherein the
   discharge tube is detachably connected with the inner tank by threads.

8. The transport barrel as claimed in claim 6, wherein the
   discharge tube is detachably connected with the inner tank by threads.

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