

Title (en)

A BEVERAGE CONTAINER WITH ENCLOSED COOLING MEANS

Title (de)

GETRÄNKEBEHÄLTER MIT EINGEBAUTER KÜHLANLAGE

Title (fr)

RECIPIENT A BOISSONS COMPORTANT UN DISPOSITIF DE REFROIDISSEMENT FERME

Publication

**EP 0972164 A1 20000119 (EN)**

Application

**EP 98914138 A 19980409**

Priority

- KR 9800086 W 19980409
- KR 19980003161 A 19980204
- KR 19980009399 A 19980319

Abstract (en)

[origin: WO9940382A1] The present invention relates to beverage container with enclosed cooling means the provide a cooling tank inside container storing beverages and diffuse the cooling agent in cooling tank whereby provide cold beverages at the time of drinking without using a refrigerator and the like. The beverage container of the present invention has a structure which comprises a top member (1); a body (10); a cooling tank (20) having a vaporizing aperture (45) in the bottom face of the cooling tank (20) and a cooling agent therein and being mounted within said body (10); a vaporizing means (40) mounted into said vaporizing aperture (45) of the bottom face for accelerating evaporation of cooling agent of cooling tank (20) by evaporating the cooling agent slowly and uniformly; said vaporizing means (40) further comprising a vaporizer (44) made of porous substance, a sealing film (41) stuck to the lower part of said vaporizer (44) for sealing the pore of the vaporizer (44) and an adhesive tape with tag (43) stuck to the lower part of said sealing film (41) so as to open the cooling tank (20) easily.

IPC 1-7

**F25D 3/10**

IPC 8 full level

**B65D 25/20** (2006.01); **A23L 2/00** (2006.01); **A23L 3/36** (2006.01); **F25D 3/10** (2006.01); **F25D 7/00** (2006.01)

CPC (source: EP)

**F25D 3/107** (2013.01); **F25D 2331/805** (2013.01)

Citation (search report)

See references of WO 9940382A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL

DOCDB simple family (publication)

**WO 9940382 A1 19990812**; AU 6855798 A 19990823; AU 740078 B2 20011025; CA 2285183 A1 19990812; CN 1251648 A 20000426; EP 0972164 A1 20000119; JP 2000513800 A 20001017; JP 3304986 B2 20020722

DOCDB simple family (application)

**KR 9800086 W 19980409**; AU 6855798 A 19980409; CA 2285183 A 19980409; CN 98803857 A 19980409; EP 98914138 A 19980409; JP 54030099 A 19980409