

Title (en)

TABLETOP QUICK COOLING DEVICE FOR CANS OR BOTTLES

Title (de)

SCHNELLKÜHLER IM TISCHFORMAT FÜR DOSEN ODER FLASCHEN

Title (fr)

DISPOSITIF DE REFROIDISSEMENT RAPIDE DE TABLE POUR CANNETTES OU BOUTEILLES

Publication

EP 2480843 B1 20160810 (EN)

Application

EP 09849906 A 20090925

Priority

US 2009058290 W 20090925

Abstract (en)

[origin: WO2011037569A1] A tabletop cooling device has a housing that contains an ice storage chamber with hinged cover. Adjacent to the ice storage chamber is a chiller that also has a hinged cover. An ice maker is container within the ice storage chamber to produce ice. A water storage tank is provided to supply water to the ice maker. The chiller contains a removable cage that holds cans or bottles of liquid refreshments. The chiller holds water and ice to bathe the cage in a low temperature slurry. A compressor, condenser and associated components are used to produce the low temperatures needed to produce the ice. In another embodiment, solid state thermoelectric modules take the place of the compressor, etc. The ice storage chamber and chiller are insulated with a high R rated insulation. Rotation is controlled by a control panel which can also monitor temperature, etc.

IPC 8 full level

F25D 3/02 (2006.01); **A47G 23/04** (2006.01); **B65D 81/18** (2006.01); **F25C 5/00** (2006.01); **F25D 3/14** (2006.01); **F25D 31/00** (2006.01)

CPC (source: EP)

F25C 5/00 (2013.01); **F25D 31/006** (2013.01); **F25D 2331/803** (2013.01); **F25D 2331/805** (2013.01); **F25D 2400/12** (2013.01); **F25D 2400/28** (2013.01)

Designated contracting state (EPC)

AT 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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2011037569 A1 20110331; EP 2480843 A1 20120801; EP 2480843 A4 20140416; EP 2480843 B1 20160810; ES 2600505 T3 20170209

DOCDB simple family (application)

US 2009058290 W 20090925; EP 09849906 A 20090925; ES 09849906 T 20090925