

Title (en)

MODULAR QUICK COOLING SYSTEM FOR LIQUIDS

Title (de)

BAUKASTENÄHNLICHE ANLAGE ZUR SCHNELLKÜHLUNG VON FLÜSSIGKEITEN

Title (fr)

SYSTEME MODULAIRE DE REFROIDISSEMENT RAPIDE DES LIQUIDES

Publication

EP 1157248 A1 20011128 (FR)

Application

EP 00909417 A 20000303

Priority

- FR 0000534 W 20000303
- FR 9902617 A 19990303

Abstract (en)

[origin: FR2790543A1] The invention relates to a fixed, roving or integrated modular system that is used to cool liquids and the containers thereof and able to deal with all contingencies in addition to being used in a professional or private context. The invention comprises a dedicated or existing central cooling system (cf centre of the fig.) and several peripheral cooling modules (cf the fig. left and right) connected thereto. Said peripheral cooling modules are lightweight and have small dimensions. They are filled with gel and are sealed in all positions by means of a flexible obturator. The containers are placed in the cooling modules in a combination of ways i.e. by means of indiscriminate horizontal, vertical, oblique or lateral introduction or they are introduced in a vertical lay-down position. The modular system comprises a user interface (the fig. TDB) consisting of at least one means of counting a determined length of time during which at least one drink container should remain in the cooling module and at least one local or remote means of alerting users when said residence time has elapsed.

IPC 1-7

F25D 31/00; **F25D 17/02**; **C09K 5/06**; **F28D 20/02**

IPC 8 full level

B60N 3/10 (2006.01); **F25D 17/02** (2006.01); **F25D 31/00** (2006.01)

CPC (source: EP)

B60N 3/104 (2013.01); **B60N 3/108** (2013.01); **F25D 17/02** (2013.01); **F25D 31/006** (2013.01); **F25D 2400/28** (2013.01)

Citation (search report)

See references of WO 0052402A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

FR 2790543 A1 20000908; AU 3171200 A 20000921; CN 1345407 A 20020417; EP 1157248 A1 20011128; WO 0052402 A1 20000908

DOCDB simple family (application)

FR 9902617 A 19990303; AU 3171200 A 20000303; CN 00805747 A 20000303; EP 00909417 A 20000303; FR 0000534 W 20000303