

Title (en)

Device for cooling and dispensing drink.

Title (de)

Vorrichtung zum Kühlen und Ausschenken von Getränken.

Title (fr)

Dispositif pour refroidir et distribuer des boissons.

Publication

EP 0191436 A1 19860820 (EN)

Application

EP 86101612 A 19860206

Priority

IT 1947785 A 19850212

Abstract (en)

The device is of a type with a first coil being the evaporator coil (4) of a refrigerator system, and at least one other coil (5) through which the drink flows to be cooled; the two coils are immersed in a liquid which constitutes the means of heat transfer, and is characterized by the fact that there are two tanks, (2, 3) contained one within the other; a layer of ice is maintained on the refrigerator coil located in one tank, while the other tank contains the other coil(s) cooling the drink, and by the fact that the two tanks are interconnected by a thermostatically controlled pump (6) which regulates the movement of the liquid between the two tanks, depending on the temperature of the liquid in the tank containing the drink cooling coil(s); the liquid in the tank supplied by the pump is free to overflow into the other bath. The principal advantage of the refrigeration device according to the invention is the regulation of the temperature of the liquid in heat exchange conditions to cool the drink from a minimum temp of 0 C to higher temperatures with minimum cost and inconvenience.

IPC 1-7

B67D 1/08; **F25D 17/02**

IPC 8 full level

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CPC (source: EP)

B67D 1/0864 (2013.01); **F25D 17/02** (2013.01); **F25D 31/003** (2013.01)

Citation (search report)

- [X] DE 2349539 A1 19740418 - MK REFRIGERATION LTD
- [Y] GB 1346590 A 19740213 - MK REFRIGERATION LTD
- [A] DE 646207 C 19370612 - BOSCH ROBERT AG
- [A] GB 2007820 A 19790523 - MARSTON PAXMAN LTD

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