

Title (en)

AN AUTOMATIC BEVERAGE COOLER AND A METHOD FOR COOLING BEVERAGES

Title (de)

AUTOMATISCHER GETRÄNKEKÜHLER UND VERFAHREN ZUM KÜHLEN VON GETRÄNKEN

Title (fr)

REFROIDISSEUR DE BOISSONS AUTOMATIQUE ET PROCÉDÉ DE REFROIDISSEMENT DE BOISSONS

Publication

**EP 3149416 A1 20170405 (EN)**

Application

**EP 14833496 A 20141229**

Priority

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- BR 2014050057 W 20141229

Abstract (en)

[origin: WO2015179937A1] One describes an automatic beverage cooler and a method of cooling beverages, the cooler comprising: housing (1) with a peripheral wall forming a tank with a top access opening, the tank being at least partially filled with a cooling liquid; a support platform assembly for a plurality of beverage containers (100), the platform assembly being displaceable into and out of the tank; a displacement mechanism coupled to the platform assembly, capable of displacing it into and out of the tank; a cooling circuit for the cooling liquid; temperature detectors for detecting the temperature of beverage inside at least one container when the latter is immersed in the cooling liquid in the tank, and a control station that control the displacement mechanism and the cooling circuit, with a user's interface for input of a determined beverage-cooling temperature; wherein the control station receives information about the temperature of the beverage in the container, sent by the temperature detectors, and actuates the displacement mechanism to displace the platform assembly out of the housing (1) when the beverage temperature reaches the value of the determined cooling temperature.

IPC 8 full level

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CPC (source: CN EP US)

**F25D 11/00** (2013.01 - US); **F25D 17/02** (2013.01 - EP US); **F25D 29/00** (2013.01 - EP US); **F25D 31/002** (2013.01 - CN EP US); **F25D 31/006** (2013.01 - CN EP US); **F25D 31/007** (2013.01 - EP US); **F25D 2331/803** (2013.01 - CN EP US); **F25D 2600/04** (2013.01 - US); **F25D 2700/16** (2013.01 - EP US)

Citation (search report)

See references of WO 2015179937A1

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