

Title (en)

Household appliance for the controlled supplying of cooled water or other beverage, and relative operating method

Title (de)

Haushaltsgerät zur gesteuerten Bereitstellung von gekühltem Wasser oder anderen Getränken und entsprechendes Betriebsverfahren

Title (fr)

Appareil domestique pour l'alimentation contrôlée d'eau fraîche ou d'autres boissons, et procédé de fonctionnement correspondant

Publication

EP 2093529 A1 20090826 (EN)

Application

EP 08151713 A 20080220

Priority

EP 08151713 A 20080220

Abstract (en)

A household appliance (1) for the controlled supplying of cooled water or other beverage, and having a beverage container (9) to store a given amount of drinkable water or other beverage; a beverage container cooling system (4, 8) for cooling the drinkable water or other beverage stored in the beverage container (9); and an electronic central control unit (19) which calculates the estimated temperature (T₂) of the cooled drinkable water or other beverage currently stored in the beverage container (9), on the basis of a mathematical model describing the cooling capacity of the environment (4, 8) surrounding the beverage container (9).

IPC 8 full level

F25D 23/12 (2006.01)

CPC (source: EP)

B67D 1/0014 (2013.01); **B67D 1/0861** (2013.01); **B67D 1/0888** (2013.01); **F25D 23/126** (2013.01); **F25D 29/00** (2013.01); **F25D 2323/122** (2013.01); **F25D 2400/361** (2013.01); **F25D 2700/16** (2013.01)

Citation (search report)

- [A] GB 2329460 A 19990324 - LG ELECTRONICS INC [KR]
- [A] EP 1614986 A2 20060111 - DAEWOO ELECTRONICS CORP [KR]

Cited by

AU2011371325B2; US9199835B2; WO2012175118A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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