Title (en)

Cool water dispenser device for refrigerator

Title (de)

Gekühltes Wasser abgebende Vorrichtung für Kühlschrank

Title (fr)

Dispositif de distribution d'eau réfrigérée pour réfrigérateur

Publication

EP 1030143 B1 20050323 (EN)

Application

EP 00200421 A 20000208

Priority

IT MI990318 A 19990218

Abstract (en)

[origin: EP1030143A2] Cool water dispenser device for a refrigerator, in particular for a domestic refrigerator, comprising a tank (4) for the accumulation of drinkable water that is housed in a heat insulated casing of the refrigerator, a filter (5) to purify the network water, means for connection to an external watering system of drinkable water, means for the delivery of the cool water (6) contained in said tank (4). Said dispenser device has said filter (5) placed downstream of the tank and it includes a control device comprising valve means (2) that are interposed between the connection of the drinkable water (1) and the tank (4), a meter (3) for the quantity of water that is fed to the tank, an electronic control unit (8) connected with said meter in order to control the closing of said valve means (2) when said quantity of water that comes from the external water network and that supplies the cooled tank reaches a pre-established value. <IMAGE>

IPC 1-7

F25D 23/12; B67D 1/08; B67D 1/00; B01D 35/143

IPC 8 full level

B67D 1/00 (2006.01); **F25D 23/12** (2006.01)

CPC (source: EP)

B67D 1/0009 (2013.01); **F25D 23/126** (2013.01); B67D 2210/00036 (2013.01); F25D 2323/121 (2013.01)

Cited by

WO2008125530A1; EP1624266A1; AU2005202434B2; EP1607700A3; WO02097978A3; WO2007062904A1; US8230692B2; US6637049B2; US8038873B2; US7243386B2; US7040057B2; US6895715B2; US6978499B2; US7865982B2

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EP 1030143 A2 20000823; **EP 1030143 A3 20010228**; **EP 1030143 B1 20050323**; DE 60018828 D1 20050428; DE 60018828 T2 20060413; ES 2240006 T3 20051016; IT 1308712 B1 20020110; IT MI990318 A1 20000818

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