

Title (en)
Ice maker integrated with drink dispenser

Title (de)
Eiszeuger mit Getränkeabgabevorrichtung

Title (fr)
Générateur de glace avec distributeur de boisson

Publication
EP 1798501 A1 20070620 (EN)

Application
EP 05112247 A 20051215

Priority
EP 05112247 A 20051215

Abstract (en)
Ice maker comprising a freezing bin, an evaporator accommodated inside said freezing bin, a reservoir for storing the water to be introduced in said freezing bin, means for adjusting the flow of water being introduced in said freezing bin, a first conduit connecting the interior of said reservoir with the internal volume of said freezing bin, a first water supply pump included in said first conduit; there are provided means adapted to enable at least part of the water contained in said freezing bin to flow back again into said storage reservoir, and said water flow-back means comprise a second conduit. In said first or in said second conduit there are provided de-ionizing filters adapted to at least partially intercept the salts dissolved in the water flowing therethrough. Said ice maker is provided with appropriate, selectively operable pumps included in said conduits, so that the whole amount of water that is not frozen to ice is caused to flow back again into said storage reservoir. In addition, said storage reservoir is arranged to also supply a drink dispenser.

IPC 8 full level
F25C 1/08 (2006.01)

CPC (source: EP)
F25C 1/08 (2013.01); **F25C 2400/14** (2013.01); **F25D 23/126** (2013.01)

Citation (search report)
• [XY] US 4848102 A 19890718 - STANFILL TED M [US]
• [Y] EP 1589305 A1 20051026 - SAMSUNG ELECTRONICS CO LTD [KR]
• [X] US 5946924 A 19990907 - KIM BYUNG-SOO [KR]
• [X] EP 0227611 A1 19870701 - STAFF ICE SYSTEM [IT]

Cited by
US10274238B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

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