

Title (en)
ICE MOLD SUPPLY SYSTEM FOR REFRIGERATION APPLIANCES

Title (de)
EISFORMZUFUHRSYSTEM FÜR KÜHLGERÄTE

Title (fr)
SYSTEME DE DISTRIBUTION DE MOULE A GLACE POUR APPAREILS DE REFRIGERATION

Publication
EP 1664639 B1 20070124 (EN)

Application
EP 04761534 A 20040913

Priority
• BR 2004000173 W 20040913
• BR 0303842 A 20030916

Abstract (en)
[origin: WO2005026631A1] An ice mold supply system for refrigeration appliances of the type comprising a freezer compartment (1), in whose interior is provided a support means (10) carrying at least one pair of median rails (30) on which is slidingly and detachably seated at least one ice mold (60). According to the present invention, the support means (10) carries at least one pair of upper rails (20) on which is slidingly and detachably seated a reservoir (50) which is dimensioned to contain, when completely full, a volume of water corresponding to that required for adequately supplying the ice molds (60) disposed immediately below, said reservoir (50) being inferiorly provided with a discharge nozzle (55), positioned above the ice mold (60) immediately below and in which is mounted an outlet valve (56) which is constantly and resiliently forced to a closed position and automatically displaced to an open position when the reservoir (50) is mounted in the support means (10).

IPC 8 full level
F25C 1/10 (2006.01); **F25C 1/22** (2006.01); **F25C 5/06** (2006.01); **F25C 5/16** (2006.01)

CPC (source: EP KR US)
F25C 1/10 (2013.01 - KR); **F25C 1/22** (2013.01 - EP KR US); **F25C 1/24** (2013.01 - KR); **F25C 5/06** (2013.01 - KR);
F25C 2305/0221 (2021.08 - EP KR US); **F25C 2400/06** (2013.01 - EP US); **F25C 2400/10** (2013.01 - EP US); **F25C 2400/14** (2013.01 - EP US)

Cited by
CN100434842C

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

DOCDB simple family (publication)
WO 2005026631 A1 20050324; AT E352761 T1 20070215; AU 2004272638 A1 20050324; AU 2004272638 B2 20080214;
BR 0303842 A 20050503; BR 0303842 B1 20131217; CN 100422669 C 20081001; CN 1853076 A 20061025; DE 602004004552 D1 20070315;
DE 602004004552 T2 20071031; EP 1664639 A1 20060607; EP 1664639 B1 20070124; ES 2279413 T3 20070816;
KR 20060079849 A 20060706; MX PA06002922 A 20060531; PL 1664639 T3 20070629; RU 2006112565 A 20071027;
RU 2345296 C2 20090127; US 2007012061 A1 20070118

DOCDB simple family (application)
BR 2004000173 W 20040913; AT 04761534 T 20040913; AU 2004272638 A 20040913; BR 0303842 A 20030916;
CN 200480026753 A 20040913; DE 602004004552 T 20040913; EP 04761534 A 20040913; ES 04761534 T 20040913;
KR 20067004669 A 20060307; MX PA06002922 A 20040913; PL 04761534 T 20040913; RU 2006112565 A 20040913;
US 57216306 A 20060315