

Title (en)

ICE-MAKING DEVICE FOR REFRIGERATOR AND REFRIGERATOR HAVING THE SAME

Title (de)

EISHERSTELLUNGSVORRICHTUNG FÜR KÜHLSCHRANK UND KÜHLSCHRANK DAMIT

Title (fr)

DISPOSITIF DE FABRICATION DE GLACE D'UN REFRIGERATEUR, ET REFRIGERATEUR POSSEDANT CE DISPOSITIF

Publication

EP 1960720 A4 20120620 (EN)

Application

EP 06823918 A 20061205

Priority

- KR 2006005211 W 20061205
- KR 20050118382 A 20051206
- KR 20050118384 A 20051206
- KR 20050118415 A 20051206

Abstract (en)

[origin: WO2007066958A1] The present invention relates to an ice-making device for a refrigerator and a refrigerator having the same. The ice-making device of the present invention comprises a water tank detachably mounted to a rear surface of a refrigerator door, an ice-making housing detachably mounted to the rear surface of the door below the water tank and provided with a predetermined installation space therein, an ice tray mounted into the installation space and provided with an ice-making groove in which water supplied from the water tank is frozen into ice, and an ice bank for storing ice made in the ice tray, wherein the ice bank can be received in or withdrawn from the installation space. According to the present invention, there are advantages in that ice-making water can be prevented from running down from the ice tray, ice made in the ice tray can be prevented from being impregnated with odor of other foods, the ice can be more easily withdrawn while the loss of cold air is minimized, and the ice can be prevented from being impregnated with odor of the other foods.

IPC 8 full level

F25C 1/24 (2006.01); **F25D 23/04** (2006.01)

CPC (source: EP US)

F25C 1/24 (2013.01 - EP US); **F25D 23/04** (2013.01 - EP US); **F25C 2400/14** (2013.01 - EP US); **F25C 2500/06** (2013.01 - EP US); **F25D 2323/023** (2013.01 - EP); **F25D 2323/122** (2013.01 - EP US); **F25D 2400/06** (2013.01 - EP US)

Citation (search report)

- [XI] WO 2005026631 A1 20050324 - MULTIBRAS ELETRODOMESTICOS SA [BR], et al
- [A] KR 20050110209 A 20051123 - DAE CHANG CO LTD [KR]
- See references of WO 2007066958A1

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

WO 2007066958 A1 20070614; AU 2006323384 A1 20070614; AU 2006323384 B2 20100304; EP 1960720 A1 20080827; EP 1960720 A4 20120620; EP 1960720 B1 20190619; EP 3561414 A1 20191030; EP 3561414 B1 20201125; US 2008289355 A1 20081127

DOCDB simple family (application)

KR 2006005211 W 20061205; AU 2006323384 A 20061205; EP 06823918 A 20061205; EP 19171421 A 20061205; US 9656206 A 20061205