

Title (en)

ICE MAKING DEVICE AND METHOD OF PRODUCING ICE

Title (de)

EISHERSTELLUNGSVORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG VON EIS

Title (fr)

DISPOSITIF DE FABRICATION DE GLACE ET PROCÉDÉ DE FABRICATION DE GLACE

Publication

EP 3106787 B1 20180214 (EN)

Application

EP 15186852 A 20150925

Priority

KR 20150086165 A 20150617

Abstract (en)

[origin: EP3106787A1] A refrigerator including an ice tray, comprising: a main body including a food storage space; a door installed in the main body and configured to open and close the food storage space; and an ice-making device installed in the food storage space, wherein the ice-making device comprises a case including a cooling space defined therein, a cooling unit configured to cool the cooling space, and an ice-making assembly disposed in the cooling space and configured to produce pieces of ice, the ice-making assembly including an ice tray having a plurality of independently-defined ice-making spaces (13) and manufactured by pressing a metal at one time and a water supply unit configured to supply water to the ice-making spaces, the water supply unit comprises a feeder pipe (211) configured to feed water to the ice-making assembly, and a water supply pipe (212) coupled to the feeder pipe and disposed above the ice tray to extend along a longitudinal direction of the ice tray, and a plurality of water supply holes (215) is formed in the water supply pipe in the positions corresponding to the ice-making spaces so that water is supplied to the respective ice-making spaces through the respective water supply holes. The diameter of the water supply holes grows larger as the water supply holes are positioned farther away from the feeder pipe.

IPC 8 full level

F25C 1/22 (2018.01); **F25C 1/24** (2018.01)

CPC (source: EP US)

F25C 1/24 (2013.01 - EP US); **F25C 1/25** (2017.12 - EP US); **F25C 2500/02** (2013.01 - EP US)

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