

Title (en)

METHOD AND SYSTEM FOR PRODUCING CLEAR ICE

Title (de)

VERFAHREN UND SYSTEM ZUR HERSTELLUNG VON DURCHSICHTIGEM EIS

Title (fr)

PROCÉDÉ ET SYSTÈME POUR LA PRODUCTION DE GLACE TRANSPARENTE

Publication

EP 2600959 A1 20130612 (EN)

Application

EP 11815112 A 20110729

Priority

- US 37042210 P 20100803
- US 2011045915 W 20110729

Abstract (en)

[origin: US2012031114A1] A method for making clear ice comprising: filling a water sump to a predetermined level; contacting a refrigerant to an evaporator; circulating water from the sump over the evaporator to form ice on the evaporator; monitoring the water level in the sump; and monitoring the conductivity of the water in the sump to determine if the conductivity of the water is equal to or greater than a predetermined conductivity valve, (i) if the conductivity is not equal to or greater than the predetermined conductivity valve and if the water level reaches a predetermined lower water level, then complete the ice making cycle and initiate the harvest cycle; or (ii) if the conductivity is equal to or greater than the predetermined conductivity valve and if the water level has not reached a predetermined lower water level, then add additional water to the water sump.

IPC 8 full level

B01D 17/12 (2006.01)

CPC (source: EP US)

F25C 1/18 (2013.01 - EP US); **G01F 23/24** (2013.01 - EP US); **G01F 23/242** (2013.01 - EP US); **F25C 2400/14** (2013.01 - EP US); **F25C 2600/04** (2013.01 - EP US); **F25C 2700/04** (2013.01 - EP US)

Citation (search report)

See references of WO 2012018686A1

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