

Title (en)
ICE MAKING METHOD AND MACHINE WITH PETD HARVEST

Title (de)
EISHERSTELLUNGSVERFAHREN UND MASCHINE MIT PETD-ERNTE

Title (fr)
PROCÉDÉ ET MACHINE DE FABRICATION DE GLACE À COLLECTE ÉLECTROTHERMIQUE

Publication
EP 1931927 A2 20080618 (EN)

Application
EP 06825126 A 20060926

Priority

- US 2006037476 W 20060926
- US 72425305 P 20051006
- US 48582706 A 20060713

Abstract (en)
[origin: WO2007044222A2] An ice making has an ice making mold with a plurality of ice making cells opened at the bottom, a water tank, water spray nozzles adapted for spraying the water contained in the water tank towards the ice making cells, an ice bin adapted for storage of ice cubes formed in and harvested from the ice making cells, and an inclined plate having water spray openings and recovery openings and mounted between the ice making mold and the water spray nozzles. The ice making cells are each attached to a serpentine evaporator tube, which is cooled by a refrigeration system and also heated by way of electrical pulse energy. The electrical pulse heating of the ice making cells allows ice to be quickly and efficiently harvested from the cells.

IPC 8 full level
F25C 5/08 (2006.01)

CPC (source: EP)
F25C 1/045 (2013.01); **F25C 5/08** (2013.01); **F25C 2400/04** (2013.01); **F25C 2400/14** (2013.01)

Citation (search report)
See references of WO 2007044222A2

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

DOCDB simple family (publication)
WO 2007044222 A2 20070419; WO 2007044222 A3 20071011; EP 1931927 A2 20080618

DOCDB simple family (application)
US 2006037476 W 20060926; EP 06825126 A 20060926