

Title (en)  
CONTROL SYSTEM FOR AN ICE MAKER

Title (de)  
STEUERUNGSSYSTEM FÜR EINE EISMASCHINE

Title (fr)  
SYSTÈME DE COMMANDE POUR UNE MACHINE À GLACE

Publication  
**EP 2601461 A1 20130612 (EN)**

Application  
**EP 11815275 A 20110803**

Priority  
• US 37157510 P 20100806  
• US 2011046456 W 20110803

Abstract (en)  
[origin: US2012031126A1] A system for ice making includes a controller, a compressor, a condenser, an evaporator, a water sump, a curtain disposed adjacent to the evaporator, a water distributor in communication with the water sump to draw water from the water sump and distribute the water over the evaporator during an ice making cycle, a water level sensor disposed in the water sump. The water sensor detects a high water level and signals the controller to initiate an ice making cycle, the sensor further detects a low water level in the sump and signals the controller to terminate the ice making cycle and initiates a harvest cycle. The system further includes a curtain sensor disposed about the curtain that detects when a harvest cycle has ended and sends a signal to a controller to fill the sump with water.

IPC 8 full level  
**F25C 1/00** (2006.01)

CPC (source: EP US)  
**F25C 1/12** (2013.01 - EP US); **F25C 5/10** (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 2012018935A1

Cited by  
WO2023193753A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**US 2012031126 A1 20120209**; BR 112013002192 A2 20160531; CN 103429976 A 20131204; EP 2601461 A1 20130612; WO 2012018935 A1 20120209

DOCDB simple family (application)  
**US 201113197607 A 20110803**; BR 112013002192 A 20110803; CN 201180038898 A 20110803; EP 11815275 A 20110803; US 2011046456 W 20110803