

Title (en)
Ice making machine

Title (de)
Maschine zur Herstellung von Eis

Title (fr)
Machine de fabrication de glace

Publication
EP 2413069 A2 20120201 (EN)

Application
EP 11175665 A 20110727

Priority
• KR 20100073043 A 20100728
• KR 20110006520 A 20110121

Abstract (en)
Provided is a device for cooling a condenser of an ice making machine. Water and air are simultaneously supplied to the surface of the condenser, and heat of vaporization absorbed during evaporation of the water is used, thereby maximizing cooling performance on the condenser just with a small amount of water. In addition, power consumption for operating a blower fan, and a noise from the blower fan can be decreased. In addition, since cool water generated from ice stored in a storing compartment is sprinkled to the condenser, the condenser can be more effectively cooled. In addition, since meltwater is used, water consumption for cooling can be significantly reduced.

IPC 8 full level
F25C 1/00 (2006.01); **F25D 23/00** (2006.01)

CPC (source: EP US)
F25C 1/00 (2013.01 - EP US); **F25D 23/003** (2013.01 - EP US); **F25B 2339/041** (2013.01 - EP US); **F25C 2700/04** (2013.01 - EP US)

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2413069 A2 20120201; **EP 2413069 A3 20170809**; **EP 2413069 B1 20181128**; CN 102345952 A 20120208; US 2012024000 A1 20120202

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EP 11175665 A 20110727; CN 201110220908 A 20110728; US 201113192587 A 20110728