

Title (en)
MICROPROCESSOR CONTROLLED DEFROST TERMINATION

Title (de)
MIKROPROZESSORGESTEUERTE ABTAUBEENDIGUNG

Title (fr)
ARRÊT DE DÉGIVRAGE COMMANDÉ PAR MICROPROCESSEUR

Publication
EP 2409095 A4 20150729 (EN)

Application
EP 10753838 A 20100212

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Abstract (en)
[origin: WO2010107536A2] An apparatus and method are disclosed for terminating a refrigeration unit's defrost function. The refrigeration unit comprises an evaporator, a temperature sensor to measure the temperature of the evaporator during a defrost function, and a controller configured to calculate the rate of temperature change and terminate the defrost function when the rate meets a specified criteria, such as a predetermined rate or a sharp increase in the rate after the evaporator temperature has increased above the freezing point of water.

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CPC (source: EP US)
F25D 21/006 (2013.01 - EP US); **F25D 21/08** (2013.01 - EP US); **F25D 2700/10** (2013.01 - EP US)

Citation (search report)
• [X] US 5046324 A 19910910 - OTOH TADAO [JP], et al
• [X] US 4662184 A 19870505 - POHL WALTER J [US], et al
• [X] US 4689965 A 19870901 - JANKE DONALD E [US], et al
• See references of WO 2010107536A2

Designated contracting state (EPC)
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DOCDB simple family (publication)
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