

Title (en)
Cooler

Title (de)
Kühler

Title (fr)
Refrroidisseur

Publication
EP 2515060 A2 20121024 (EN)

Application
EP 12164629 A 20120418

Priority
GB 201106502 A 20110418

Abstract (en)
A cooler (1) is switchable between a first mode of operation in which a refrigeration circuit is controlled in response to thickness of an ice bank formed on an evaporator (9) of the refrigeration circuit so that complete erosion of the ice bank (13) can be prevented, and a second mode of operation in which the refrigeration circuit is controlled in response to temperature of the coolant (5) so that complete erosion of the ice bank (13) may occur. A compressor of the refrigeration circuit may be controlled in the first mode of operation to maintain a thickness of the ice bank (13) between upper and lower limits and in the second mode of operation to maintain the temperature of coolant (5) between upper and lower limits when the ice bank (13) has been completely eroded.

IPC 8 full level
F25D 31/00 (2006.01)

CPC (source: EP GB)
B67D 1/0864 (2013.01 - GB); **B67D 1/0867** (2013.01 - GB); **F25D 31/003** (2013.01 - EP GB); **F25D 29/00** (2013.01 - EP)

Cited by
EP3321619A1; IT201600114211A1; US2023054529A1; WO2023148589A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2515060 A2 20121024; GB 201106502 D0 20110601; GB 201519683 D0 20151223; GB 2490120 A 20121024; GB 2490120 B 20160413; GB 2529577 A 20160224; GB 2529577 B 20160413

DOCDB simple family (application)
EP 12164629 A 20120418; GB 201106502 A 20110418; GB 201519683 A 20110418