

Title (en)

Method and device for defrosting a cooler of a refrigeration plant

Title (de)

Verfahren und Vorrichtung zum Abtauen eines Kühlers einer Kälteanlage

Title (fr)

Procédé et dispositif pour dégivrer un refroidisseur d'une installation de réfrigération

Publication

EP 0838644 A3 20000607 (DE)

Application

EP 97118534 A 19971024

Priority

DE 19644488 A 19961025

Abstract (en)

[origin: EP0838644A2] The method involves blocking the cooler (1) wrt. the coolant circuit and heating only the coolant within the cooler by enabling it to circulate through the cooler via a bypass line (5). A pump (7) and a heater (6) are arranged in the bypass line around the cooler. The heater can be in the form of a heat exchanger or throughflow heater and can have an associated temp. limiter.

IPC 1-7

F25D 21/06

IPC 8 full level

F25B 47/02 (2006.01); **F25D 21/06** (2006.01); **F25D 21/12** (2006.01)

CPC (source: EP)

F25B 47/02 (2013.01); **F25D 21/06** (2013.01); **F25D 21/12** (2013.01)

Citation (search report)

- [A] US 3675441 A 19720711 - PEREZ ARTHUR
- [A] US 2954680 A 19601004 - RUFF ALONZO W
- [A] DE 3012541 A1 19811008 - LAHMEYER AG [DE]
- [A] US 2693682 A 19541109 - MILTON WINGER, et al

Cited by

EP1347255A1; EP2664868A3; US7028499B2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0838644 A2 19980429; **EP 0838644 A3 20000607**; **EP 0838644 B1 20040616**; DE 19644488 A1 19980430; DE 59711716 D1 20040722

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