

Title (en)

Control device for a refrigeration installation as well as control method

Title (de)

Steuervorrichtung für eine Kälteanlage sowie Steuerverfahren

Title (fr)

Dispositif de commande pour installation frigorifique ainsi que procédé de commande

Publication

EP 1139042 A3 20020814 (DE)

Application

EP 01107454 A 20010327

Priority

DE 10015159 A 20000327

Abstract (en)

[origin: EP1139042A2] A condenser (8) cools down cooling air. A single sensor (2) measures the surface temperature of the condenser and deduces the cooling air temperature from the surface temperature of the condenser by means of a coefficient of correction. A refrigerator unit is controlled by using the measured temperature value and the deduced temperature value as a basis.

IPC 1-7

F25B 49/02; G05D 23/20

IPC 8 full level

F25B 49/02 (2006.01)

CPC (source: EP)

F25B 49/02 (2013.01); **F25B 2600/0251** (2013.01); **F25B 2700/2117** (2013.01); **F25D 2500/04** (2013.01)

Citation (search report)

- [A] EP 0976996 A2 20000202 - WHIRLPOOL CO [US]
- [A] EP 0501387 A2 19920902 - KUEBA KAELETETECHNIK GMBH [DE]
- [A] EP 0902242 A2 19990317 - BOSCH SIEMENS HAUSGERAETE [DE]
- [A] EP 0686818 A2 19951213 - MERLONI ELETTRODOMESTICI SPA [IT]

Cited by

EP1489369A1; CN100376854C

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1139042 A2 20011004; **EP 1139042 A3 20020814**; DE 10015159 A1 20011018; DE 10015159 C2 20020207

DOCDB simple family (application)

EP 01107454 A 20010327; DE 10015159 A 20000327