Title (en)

METHOD FOR OPERATING ICE-MAKING MACHINE

Title (de)

VERFAHREN ZUM BETREIBEN EINER EISMASCHINE

Title (fr)

PROCÉDÉ D'EXPLOITATION D'UNE MACHINE DE PRODUCTION DE GLACE

Publication

EP 2618079 B1 20160518 (EN)

Application

EP 12774592 A 20120418

Priority

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- JP 2011098749 A 20110426
- JP 2011098750 A 20110426
- JP 2012060477 W 20120418

Abstract (en)

[origin: EP2618079A1] Safety and reliability are enhanced when the leakage of a refrigerant occurs, and ice-making efficiency is prevented from being lowered when a failure occurs in refrigerant detecting means. A refrigerant detection sensor S that can detect a refrigerant leaking from a refrigerating mechanism E transmits a detection signal to controlling means C when the refrigerant has been detected, and transmits a failure signal to the controlling means C when a failure has occurred in the refrigerant detection sensor itself. The controlling means C controls a cooling fan 34, which forcedly air-cools a condenser 31, to continuously operate and also controls an ice-making mechanism D to stop an ice-making operation and a deicing operation upon receiving the detection signal from the refrigerant detection sensor S. Further, the controlling means C controls the cooling fan 34 to continuously operate and also controls the ice-making mechanism D to continue the ice-making operation and the deicing operation upon receiving the failure signal from the refrigerant detection sensor S.

IPC 8 full level

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CPC (source: EP)

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Cited by

EP3527915A4; US11041666B2; CN108603707A; EP3447406A4; WO2015189135A1; WO2015113587A1; US10914482B2

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