

Title (en)

Device for improving the performance of refrigerating plants

Title (de)

Vorrichtung zur Verbesserung der Leistung von Kühlanlagen

Title (fr)

Dispositif pour améliorer la performance des installations frigorifiques

Publication

EP 2492617 A3 20130313 (FR)

Application

EP 12364001 A 20120224

Priority

FR 1100567 A 20110225

Abstract (en)

[origin: EP2492617A2] The device has a gas refrigerating compressor (Cp1) lubricated by oil (H1) and including a suction pipe (L3) and a delivery pipe (L4) that are provided in hydraulic connection by a valve. A direct or indirect water or air condenser (C1) and an evaporator (EV2) are configured to prevent operation of the compressor with maintenance of cold production when the device raises pressure of refrigerant (F1) at liquid state above condensation pressure value of the condenser, and of an expansion value (D1) when the condensation pressure is equal to evaporation pressure in the evaporator.

IPC 8 full level

F25B 49/02 (2006.01); **F25B 31/00** (2006.01)

CPC (source: EP)

F25B 49/027 (2013.01); **F25B 1/10** (2013.01); **F25B 2400/0751** (2013.01); **F25B 2400/13** (2013.01); **F25B 2400/23** (2013.01)

Citation (search report)

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- [Y] US 2009126389 A1 20090521 - TAKASUGI KATSUJI [JP]
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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)

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