

Title (en)

REFRIGERATING SYSTEM AND METHOD OF OPERATING A REFRIGERATING SYSTEM

Title (de)

KÜHLSYSTEM UND VERFAHREN FÜR DEN BETRIEB EINES KÜHLSYSTEMS

Title (fr)

SYSTÈME DE RÉFRIGÉRATION ET PROCÉDÉ DE FONCTIONNEMENT D'UN SYSTÈME DE RÉFRIGÉRATION

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Application

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Priority

EP 2009064769 W 20091106

Abstract (en)

[origin: WO2011054396A1] A refrigerating system (2) according to exemplary embodiments of the invention comprises a refrigerant circuit having the following elements: a first compressor unit (4), a condenser/gas cooler (6), and a collecting container (10); a normal refrigeration branch coupled between the collecting container (10) and a suction side of the first compressor unit (4), the normal refrigeration branch comprising a first expansion device (22) and a first evaporator (24); and a freezing branch coupled between the collecting container (10) and the suction side of the first compressor unit (4), the freezing branch comprising a second expansion device (26), a second evaporator (28), a second compressor unit (30) and a desuperheating device (32). The refrigerant circuit further comprises refrigerant conduits for connecting said elements and for circulating a refrigerant therethrough.

IPC 8 full level

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