

Title (en)

SUCTION SUPERHEAT CONTROL BASED ON REFRIGERANT CONDITION AT DISCHARGE

Title (de)

REGELUNG VON SAUGSEITIGER ÜBERHITZUNG AUF GRUNDLAGE EINES KÄLTEMITTELZUSTANDS AM AUSLASS

Title (fr)

COMMANDE DE SURCHAUFFE À L'ASPIRATION BASÉE SUR UNE CONDITION DE FLUIDE FRIGORIGÈNE À LA DÉCHARGE

Publication

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Application

EP 07844059 A 20071010

Priority

US 2007080876 W 20071010

Abstract (en)

[origin: WO2009048466A1] A relationship is developed between a discharge condition of a refrigerant leaving a compressor, and the suction superheat or refrigerant quality. By relying upon measurement and control of the discharge condition, the present invention is able to achieve very low suction superheat values. Controlling the operation to very low suction superheat values results in augmented refrigerant system performance.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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- See also references of WO 2009048466A1

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