

Title (en)

A VAPOUR COMPRESSION SYSTEM WITH A SUCTION LINE LIQUID SEPARATOR

Title (de)

DAMPFKOMPRESSIONSSYSTEM MIT EINEM SAUGLEITUNGSFLÜSSIGKEITSABSCHIEDER

Title (fr)

SYSTÈME DE COMPRESSION DE VAPEUR DOTÉ D'UN SÉPARATEUR DE LIQUIDE DE CONDUITE D'ASPIRATION

Publication

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Application

**EP 18715561 A 20180323**

Priority

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Abstract (en)

[origin: WO2018177956A1] A method for controlling a vapour compression system (1) is disclosed. The vapour compression system (1) comprises an ejector (6) and a liquid separating device (10) arranged in a suction line. A liquid level sensor (18) is arranged in the liquid separating device (10). A liquid level in the liquid separating device (10) is monitored by means of the liquid level sensor (18). In the case that the liquid level in the liquid separating device (10) is above a predefined threshold level, a control parameter of the vapour compression system (1) is adjusted in order to increase a flow rate of refrigerant from the liquid separating device (10) to the secondary inlet (15) of the ejector (6) and/or decrease a flow rate of liquid refrigerant from the evaporator(s) (9) to the liquid separating device (10).

IPC 8 full level

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CPC (source: EP US)

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Citation (opposition)

Opponent : Manitz Finsterwald Patent- und Rechtsanwaltspartnerschaft mbB

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