

Title (en)

APPARATUS AND PROCESS FOR CONTROLLING A COMPRESSOR ASSEMBLY LUBRICATION STATUS AND REFRIGERATING MACHINE COMPRISING SAID APPARATUS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR STEUERUNG DES SCHMIERSTATUS EINER VERDICHTERANORDNUNG UND KÄLTEMASCHINE BEINHALTEND EINE SOLCHE VORRICHTUNG

Title (fr)

APPAREIL ET PROCÉDÉ DE COMMANDE DU STATUT DE LUBRIFICATION D'UN ENSEMBLE COMPRESSEUR ET MACHINE DE RÉFRIGÉRATION COMPRENANT CET APPAREIL

Publication

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Application

EP 19835720 A 20191202

Priority

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Abstract (en)

[origin: WO2020115639A1] Apparatus and process for controlling the lubrication of a compressor unit (15) of a refrigerating machine which is provided with an expansion valve (17) which has an adjustable degree of opening and which has an inlet (18) and an outlet (19) and which is in fluid communication with a casing (15a) of the compressor unit (15) so as to be passed through by a flow tapped from the latter. The process comprises a check procedure which comprises: - a tapping operation for drawing a flow from the compressor and passing it through the expansion valve (17); - a measurement operation which involves measuring a temperature difference which the fluid has between the inlet (18) and the outlet (19) of the expansion valve (17); - a verification operation which is positive if the modulus of the measured temperature difference exceeds a threshold value; - a replenishment operation which involves the introduction of lubricating oil into the compressor when the result of verification is positive.

IPC 8 full level

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CPC (source: EP)

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