

Title (en)

METHOD FOR BALANCING LUBRICANT LEVELS IN A MULTI-STAGE COMPRESSION UNIT OF A HEAT EXCHANGE SYSTEM, AND HEAT EXCHANGE SYSTEM IMPLEMENTING SUCH A METHOD

Title (de)

VERFAHREN ZUM AUSGLEICH VON SCHMIERMITTELKONZENTRATIONEN IN EINEM MEHRSTUFIGER VERDICHTUNGSEINHEIT EINES WÄRMEAUSTAUSCHSYSTEMS UND WÄRMEAUSTAUSCHSYSTEM ZUR UMSETZUNG DIESES VERFAHRENS

Title (fr)

PROCEDE D'EQUILIBRAGE DES NIVEAUX DE LUBRIFIANT DANS UNE UNITE DE COMPRESSION MULTI-ETAGEE D'UN SYSTEME D'ECHANGE THERMIQUE ET SYSTEME D'ECHANGE THERMIQUE METTANT EN OEUVRE UN TEL PROCEDE

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Application

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Abstract (en)

[origin: WO2013004974A1] The invention relates to a method for balancing lubricant levels in a multi-stage compression unit (20) of a heat exchange system (1), said compression unit comprising a first compressor (23) and a second compressor (24) arranged in series, the first compressor (23) feeding into the second compressor (24), said balancing method including, during the defrosting of a heat exchanger (5), the transfer of a surplus of lubricant from the first compressor (23) to the second compressor (24) via a balancing line (50), said line comprising first (51) and second (52) valves arranged in parallel, the first valve (51) having a forward bias direction from the first compressor (23) to the second compressor (24), the second valve (52) having a forward bias direction from the first compressor (23) to the second compressor (24), and a reverse bias direction from the second compressor (24) to the first compressor (23).

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