

Title (en)

OPTIMUM OPERATION OF A HEAT EXCHANGER

Title (de)

OPTIMALER BETRIEB EINES WÄRMETAUSCHERS

Title (fr)

FONCTIONNEMENT OPTIMAL D'UN ÉCHANGEUR DE CHALEUR

Publication

**EP 3800411 B1 20220427 (EN)**

Application

**EP 20199205 A 20200930**

Priority

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- EP 20156890 A 20200212

Abstract (en)

[origin: EP3800410A1] Optimum operation of a heat exchanger. A method of operating a heat exchange assembly (1) having a compressor (2), a first circuit (3; 5) having first (4a; 6a) and second temperature sensors (4b; 6b), a first flow meter (7; 9), a second circuit (5; 3) having a third temperature sensor (6a; 4a), the heat exchange assembly (1) having a power meter selected from a compressor meter (8) or from a second circuit meter comprising the third temperature sensor (6a; 4a), a fourth temperature sensor (6b; 4b), and a second flow meter (9; 7), the method comprising: reading a first temperature signal from a sensor selected from the first temperature sensor (4a; 6a) or the second temperature sensor (4b; 6b), reading a second temperature signal from the third temperature sensor (6a; 4a); determining a first expected coefficient of performance from the first and second temperature signals; starting the compressor (2).

IPC 8 full level

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CPC (source: EP)

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