

Title (en)

Method for operating a heat pump with an air-brine heat exchanger in a brine circuit

Title (de)

Verfahren zum Betreiben einer Wärmepumpe mit einem Luft-Sole-Wärmetauscher in einem Solekreislauf

Title (fr)

Procédé de fonctionnement d'une pompe à chaleur dotée d'un échangeur de chaleur saumure-air dans un circuit de saumure

Publication

EP 2505927 B1 20151216 (DE)

Application

EP 12001262 A 20120225

Priority

AT 4322011 A 20110328

Abstract (en)

[origin: EP2505927A2] The method involves providing a circulation pump (5), an air-brine heat exchanger (3), an evaporator (6) and a heating element (8) in a brine circuit (4). Ambient air temperature is detected by a temperature sensor (1). The air-brine heat exchanger is provided with a blower (7) for conveying ambient air through the heat exchanger. The blower is switched-off and the heating element is switched-on during shortfall of preset temperature. The heating element is alternatively switched-on and switched-off.

IPC 8 full level

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CPC (source: EP US)

F24D 19/1039 (2013.01 - EP US); **F24D 2220/042** (2013.01 - EP)

Cited by

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