

Title (en)

THERMAL SYSTEM INCLUDING A HEAT PUMP COMPRISING TWO TYPES OF COMPRESSOR

Title (de)

THERMISCHES SYSTEM MIT EINER WÄRMEPUMPE MIT ZWEI VERDICHTERARTEN

Title (fr)

SYSTÈME THERMIQUE INCLUANT UNE POMPE À CHALEUR COMPRENANT DEUX TYPES DE COMPRESSEUR

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Application

EP 21845086 A 20211202

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Abstract (en)

[origin: WO2022117959A1] The invention relates to a thermal system (100) comprising a heat pump (10), and an electrical supply system (30). The heat pump (10) comprises a first compressor (51) able to compress a refrigerant when powered by a DC electric current, and a second compressor (50) able to compress the refrigerant when powered with an AC electric current. The electrical supply system (30) comprises an electrical energy storage device (12). The electrical supply system (30) is able to be supplied with electricity by an external electricity supply source (200) and to deliver the electric current that powers the first compressor (51) and the second compressor (50). The invention also relates to a method for controlling such a thermal system (100).

IPC 8 full level

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