

Title (en)
HEAT PUMP SYSTEM

Title (de)
WÄRMEPUMPENSYSTEM

Title (fr)
SYSTÈME DE POMPE À CHALEUR

Publication
EP 3598014 A1 20200122 (EN)

Application
EP 18768049 A 20180301

Priority
• JP 2017051001 A 20170316
• JP 2018007764 W 20180301

Abstract (en)
Provided is a technique that allows a so-called hybrid heat pump system including, as a compressor for a refrigerant circuit, an engine-driven compressor and an electric-motor-driven compressor to achieve a rational structure with redundancy. According to this technique, the hybrid heat pump system includes: an operation control unit A including an engine control unit 25 controlling operation of an engine 21 and an electric-motor control unit 35 controlling operation of an electric motor 31, which are individually provided; and a power source unit B converting commercial electric power into operating electric power and supplying the operating electric power to the operation control unit A, the power source unit B including an engine-side power source unit 23 supplying the operating electric power to the engine control unit 25 and an electric-motor-side power source unit 33 supplying the operating electric power to the electric-motor control unit 35, which are individually provided.

IPC 8 full level
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CPC (source: EP KR US)
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