

Title (en)
HEAT PUMP SYSTEM

Title (de)
WÄRMEPUMPENSYSTEM

Title (fr)
SYSTÈME DE POMPE À CHALEUR

Publication
EP 3598014 A4 20210113 (EN)

Application
EP 18768049 A 20180301

Priority
• JP 2017051001 A 20170316
• JP 2018007764 W 20180301

Abstract (en)
[origin: EP3598014A1] 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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Citation (search report)
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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