

Title (en)  
HEAT SOURCE SYSTEM

Title (de)  
WÄRMEQUELLENSYSTEM

Title (fr)  
SYSTÈME SOURCE DE CHALEUR

Publication  
**EP 3967949 A4 20230111 (EN)**

Application  
**EP 20805173 A 20200427**

Priority  
• JP 2019091481 A 20190514  
• JP 2020017922 W 20200427

Abstract (en)  
[origin: EP3967949A1] The purpose of the present invention is to appropriately prevent a refrigerant stagnation phenomenon from occurring, and to reduce the power consumption of heating control of the compressor. A heat source system includes an outdoor air temperature measuring device (150) which measures an outdoor air temperature, heaters which heat compressors used for refrigerating cycles, first memories (121) each of which stores a relationship between a temperature difference between an outdoor air temperature and a refrigerant saturation temperature at the time of saturation of a refrigerant and an intermittent operation period, and first controllers (120) each of which determines, at the time when each of the compressors is in a stopped state, an intermittent operation period on the basis of the outdoor air temperature and the relationship stored in each of the first memories (121), and executes heating control of each of the heaters according to the determined period.

IPC 8 full level  
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Citation (search report)  
• [IAY] US 2013199224 A1 20130808 - KATO YOHEI [JP], et al  
• [Y] EP 1995536 A1 20081126 - DAIKIN IND LTD [JP]  
• [Y] EP 3467395 A1 20190410 - TOSHIBA CARRIER CORP [JP]  
• [A] JP H0743027 A 19950210 - MITSUBISHI ELECTRIC CORP  
• See also references of WO 2020230603A1

Designated contracting state (EPC)  
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**EP 3967949 A1 20220316**; **EP 3967949 A4 20230111**; JP 7130864 B2 20220905; JP WO2020230603 A1 20211125;  
KR 102637381 B1 20240215; KR 20210153728 A 20211217; WO 2020230603 A1 20201119

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**EP 20805173 A 20200427**; JP 2020017922 W 20200427; JP 2021519355 A 20200427; KR 20217038871 A 20200427