

Title (en)
REFRIGERATION APPARATUS

Title (de)
KÜHLVORRICHTUNG

Title (fr)
APPAREIL DE RÉFRIGÉRATION

Publication
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Application
EP 16786103 A 20160330

Priority
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• JP 2016001846 W 20160330

Abstract (en)
[origin: EP3290825A1] A control section (13) performs first and second degree-of-opening adjusting operations in a cooling mode. In the first degree-of-opening adjusting operation, the control section (13) adjusts the degree of opening of an intermediate expansion valve (36a, 36b, 36c) such that the temperature (Td) of a refrigerant discharged from a compressor (31 a, 31b, 31c) is below a higher discharged refrigerant temperature threshold (Tdth). In the second degree-of-opening adjusting operation, the control section (13) adjusts the degree of opening of a supercooling expansion valve (35) such that the temperature of a refrigerant flowing through a portion of an injection pipe (54) between a supercooling heat exchanger (34) and the intermediate expansion valve (36a, 36b, 36c) is above a freezing temperature threshold (Tfth).

IPC 8 full level
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CPC (source: EP)
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