

Title (en)

AIR CONDITIONING/HOT WATER SUPPLY SYSTEM

Title (de)

KLIMAANLAGEN-/HEISSWASSERVERSORGUNGSSYSTEM

Title (fr)

SYSTÈME DE CLIMATISATION ET D'APPROVISIONNEMENT D'EAU CHAUDE

Publication

EP 2787304 A1 20141008 (EN)

Application

EP 11876541 A 20111129

Priority

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Abstract (en)

An air conditioning and hot water supply system capable of improving the efficiency of the entire air conditioning and hot water supply system is provided. The air conditioning and hot water supply system includes an air conditioning compressor (11), an air conditioning heat source-side exchanger (15), an intermediate heat exchanger (21), air conditioning decompression devices (17, 18), an air conditioning usage-side exchanger (19), a first switching means (12), and a second switching means (14), and the first switching means (12) switches the direction of a first refrigerant passing through the air conditioning usage-side exchanger (19) in a cooling operation and a heating operation, and the second switching means (14) switches the direction of the first refrigerant passing through the air conditioning heat source-side exchanger (15) and the intermediate heat exchanger (21) in accordance with the operation mode, thus causing the intermediate heat exchanger (21) to function as a condenser for the first refrigerant.

IPC 8 full level

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CPC (source: EP)

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Cited by

CN106288484A; CN106288562A; EP4063762A1

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