

Title (en)  
HEAT PUMP-TYPE HEATING AND HOT-WATER SUPPLY APPARATUS

Title (de)  
HEIZ- UND WARMWASSERVERSORGUNGSVORRICHTUNG VOM WÄRMEPUMPENTYP

Title (fr)  
CHAUFFAGE DE TYPE POMPE À CHALEUR ET APPAREIL D'ALIMENTATION EN EAU CHAUDE

Publication  
**EP 2908072 B1 20181003 (EN)**

Application  
**EP 15153933 A 20150205**

Priority  
JP 2014027783 A 20140217

Abstract (en)  
[origin: EP2908072A1] In a heat pump-type heating and hot-water supply apparatus (100,200), when a heating load and a hot-water supply load (24) are operated simultaneously, heat is exchanged between refrigerant flowing out of the hot-water supply load and flowing through a return refrigerant pipe (42) and water circulating through a heating hot-water circuit. Consequently, the operating efficiency of the heat pump-type heating and hot-water supply apparatus upon the simultaneous operation of the heating load and the hot-water supply load can be improved.

IPC 8 full level  
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CPC (source: EP)  
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Cited by  
CN113739463A; CN113586183A; CN112817347A; ITUB20155000A1; WO2017103955A1

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