

Title (en)

AIR CONDITIONER OUTDOOR UNIT INCLUDING HEAT EXCHANGE APPARATUS

Title (de)

AUSSENEINHEIT FÜR KLIMAANLAGE MIT WÄRMEAUSTAUSCHVORRICHTUNG

Title (fr)

UNITÉ EXTÉRIEURE DE CLIMATISEUR COMPRENANT UN APPAREIL D'ÉCHANGE DE CHALEUR

Publication

**EP 3334986 A1 20180620 (EN)**

Application

**EP 16875887 A 20160920**

Priority

- JP 2015247918 A 20151218
- JP 2015248764 A 20151221
- KR 20160072519 A 20160610
- KR 2016010468 W 20160920

Abstract (en)

[origin: JP2017116122A] PROBLEM TO BE SOLVED: To provide a heat exchange device in which a heat transfer coefficient on a refrigerant side and a heat transfer coefficient on a liquid side such as water have been improved, and to provide a heat exchange device which includes compactness and maintainability.SOLUTION: A heat exchange device 1 includes: an air-cooled heat exchanger 10 for performing heat exchange between a refrigerant and air; and water heat exchangers 20A, 20B for performing heat exchange between the refrigerant and water. Also, expansion valves 45A, 45B for expanding the refrigerant compressed by a compressor 41 are provided at the water heat exchangers 20A, 20B respectively. In the water heat exchangers 20A, 20B, the refrigerant flows in parallel and the water flows in series. Then, the heat exchange device 1 is divided into two housings and accommodated.SELECTED DRAWING: Figure 1

IPC 8 full level

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CPC (source: EP KR US)

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