

Title (en)
Reversible cycle air conditioner

Title (de)
Klimaanlage mit umkehrbarem Kreislauf

Title (fr)
Climatiseur à cycle réversible

Publication
EP 1686332 A2 20060802 (EN)

Application
EP 05258018 A 20051222

Priority
KR 20040113573 A 20041228

Abstract (en)
A heat pump air conditioner includes an outdoor unit (70) for heating use only for supplementing heating capacity when additional heating capacity must be provided to the heating capacity of an outdoor unit (50) for heating and cooling in a heating mode. Since the outdoor unit (70) for heating use only is installed independent from the outdoor units for heating and cooling use (50), such that the outdoor unit (70) for heating use only can supplement the heating capacity only when the additional heating capacity is required in addition to the heating capacity of the outdoor units (50) for heating and cooling use in the heating mode, in order to correspond to the heating load in cold climes, there is no need to install an outdoor unit having larger heating capacity than the required heating capacity. Thus, costs for installation and management are reduced.

IPC 8 full level
F25B 13/00 (2006.01)

CPC (source: EP KR US)
F24F 1/009 (2019.01 - KR); **F24F 3/06** (2013.01 - KR); **F24F 11/84** (2017.12 - KR); **F25B 13/00** (2013.01 - EP US); **F25B 30/02** (2013.01 - KR); **F25B 43/006** (2013.01 - KR); **F24F 2203/02** (2013.01 - KR); **F25B 2313/02521** (2013.01 - EP KR US); **F25B 2313/02523** (2013.01 - EP KR US); **F25B 2400/075** (2013.01 - EP KR US); **F25B 2500/02** (2013.01 - EP KR US)

Citation (applicant)
EP 0638777 A1 19950215 - DAIKIN IND LTD [JP]

Cited by
US9534818B2; WO2013109686A1

Designated contracting state (EPC)
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