

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 2876386 A4 20150729 (EN)

Application
EP 12886900 A 20121018

Priority
JP 2012076935 W 20121018

Abstract (en)
[origin: EP2876386A1] An air conditioning apparatus (1) is provided with a refrigerant circuit (10) further provided with a compressor (21), an outdoor heat exchanger (23), an indoor heat exchanger (42a, 42b), and a stored-heat heat exchanger (28) that exchanges heat between a refrigerant and a heat storage material, and is capable of performing a heat storage operation during a heating operation and a stored-heat usage operation during a defrosting operation. This air conditioning apparatus, in the heat storage operation during the heating operation, ends the heat storage operation if a heat storage cumulative time that is an integrated value for the time at which a condensation temperature of the refrigerant is greater than or equal to a heat storage completion condensation temperature, is greater than or equal to a heat storage completion cumulative time, and after the heat storage operation ends, while the heating operation is performed, a heat retention operation is performed for retaining heat of the heat storage material.

IPC 8 full level
F25B 47/02 (2006.01); **F25B 13/00** (2006.01)

CPC (source: CN EP)
F25B 13/00 (2013.01 - CN EP); **F25B 47/025** (2013.01 - CN EP); **F25B 2400/24** (2013.01 - CN EP)

Citation (search report)

- [XD] JP 2005337657 A 20051208 - DAIKIN IND LTD
- [XI] WO 2011108237 A1 20110909 - PANASONIC CORP [JP], et al
- See references of WO 2014061131A1

Cited by
EP4033179A1; US11867441B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 12886900 A 20121018; CN 201280076446 A 20121018; ES 12886900 T 20121018; JP 2012076935 W 20121018; JP 2014541875 A 20121018