

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 2876386 B1 20161123 (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)

Cited by
EP4033179A1; US11867441B2

Designated contracting state (EPC)
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