

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 2960602 A1 20151230 (EN)

Application
EP 13875678 A 20130225

Priority
JP 2013054788 W 20130225

Abstract (en)
In a case where frost is deposited a heat-source-side heat exchanger during a heating operation mode, an air-conditioning apparatus 100 executes either a "heat recovery defrosting operation mode" using a heat capacity held in a heat medium or a "bypass defrosting operation mode" not using the heat capacity held in the heat medium.

IPC 8 full level
F25B 47/02 (2006.01); **F24F 3/06** (2006.01); **F24F 5/00** (2006.01); **F25B 1/00** (2006.01); **F25B 13/00** (2006.01); **F25B 25/00** (2006.01); **F25B 49/02** (2006.01)

CPC (source: CN EP US)
F24F 3/065 (2013.01 - CN EP US); **F24F 5/001** (2013.01 - CN EP US); **F25B 13/00** (2013.01 - CN EP US); **F25B 47/025** (2013.01 - CN EP US); **F25B 49/02** (2013.01 - CN EP US); **F25B 25/005** (2013.01 - CN EP US); **F25B 2313/003** (2013.01 - CN EP US); **F25B 2313/0231** (2013.01 - EP US); **F25B 2313/02732** (2013.01 - CN EP US); **F25B 2313/02741** (2013.01 - CN EP US); **F25B 2313/0312** (2013.01 - CN EP US); **F25B 2313/0314** (2013.01 - CN EP US); **F25B 2313/0315** (2013.01 - CN EP US); **F25B 2500/19** (2013.01 - CN EP US); **F25B 2500/26** (2013.01 - CN EP US); **F25B 2600/2513** (2013.01 - CN EP US); **F25B 2700/21151** (2013.01 - CN EP US); **F25B 2700/21152** (2013.01 - CN EP US); **F25B 2700/21161** (2013.01 - CN EP US); **F25B 2700/21162** (2013.01 - CN EP US); **F25B 2700/21163** (2013.01 - CN EP US); **F25B 2700/21173** (2013.01 - CN EP US); **F25B 2700/21174** (2013.01 - CN EP US); **F25B 2700/21175** (2013.01 - CN EP US)

Cited by
EP4097405A4; US11397015B2; EP3825629A4; EP3726162A1

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)
EP 2960602 A1 20151230; **EP 2960602 A4 20160928**; **EP 2960602 B1 20201007**; CN 105074359 A 20151118; JP 6095764 B2 20170315; JP WO2014128970 A1 20170202; US 2015369498 A1 20151224; WO 2014128970 A1 20140828

DOCDB simple family (application)
EP 13875678 A 20130225; CN 201380073760 A 20130225; JP 2013054788 W 20130225; JP 2015501232 A 20130225; US 201314765864 A 20130225