

Title (en)

Air conditioning system and method of controlling the same

Title (de)

Klimaanlagensystem und Steuerverfahren dafür

Title (fr)

Système de climatisation et son control

Publication

EP 1878985 A2 20080116 (EN)

Application

EP 07112181 A 20070710

Priority

KR 20060064719 A 20060711

Abstract (en)

Provided are an air conditioning system and a controlling method thereof. According to the system and method, frost on an outdoor heat exchanger can be removed while a heating mode operation is continuously performed, and power consumption can be reduced. Also, refrigerant of higher temperature than that of a heating mode is supplied to the outdoor heat exchanger to extend defrosting mode period.

IPC 8 full level

F25B 13/00 (2006.01); **F25B 47/02** (2006.01)

CPC (source: EP KR)

F25B 1/00 (2013.01 - KR); **F25B 13/00** (2013.01 - EP KR); **F25B 30/02** (2013.01 - KR); **F25B 47/02** (2013.01 - KR); **F25B 47/022** (2013.01 - EP); **F25B 2400/0403** (2013.01 - EP); **F25B 2400/075** (2013.01 - EP)

Cited by

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ES FR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1878985 A2 20080116; **EP 1878985 A3 20100224**; **EP 1878985 B1 20131009**; ES 2432756 T3 20131205; JP 2008020181 A 20080131; JP 5313467 B2 20131009; KR 100821729 B1 20080411; KR 20080006055 A 20080116

DOCDB simple family (application)

EP 07112181 A 20070710; ES 07112181 T 20070710; JP 2007182271 A 20070711; KR 20060064719 A 20060711