

Title (en)  
Refrigerant system

Title (de)  
Kühlsystem

Title (fr)  
Système réfrigérant

Publication  
**EP 2479519 A3 20140730 (EN)**

Application  
**EP 12150965 A 20120112**

Priority  
KR 20110006686 A 20110124

Abstract (en)  
[origin: EP2479519A2] A refrigerant system, includes: an air conditioner (1) configured to condition air in a building by using a first refrigerant cycle; a cooler (2) configured to cool air in a storage compartment of the building by using a second refrigerant cycle; and a refrigerant heat exchanger (4) configured to exchange heat between a refrigerant of the air conditioner and a refrigerant of the cooler, wherein the cooler includes a main compressor (211) and an auxiliary compressor (212) configured to backup the main compressor.

IPC 8 full level  
**F25B 7/00** (2006.01); **F25B 49/00** (2006.01); **F25B 5/02** (2006.01); **F25B 13/00** (2006.01)

CPC (source: EP KR US)  
**F25B 1/00** (2013.01 - KR); **F25B 7/00** (2013.01 - EP US); **F25B 49/005** (2013.01 - EP US); **F25B 49/02** (2013.01 - KR); **F25B 5/02** (2013.01 - EP US); **F25B 13/00** (2013.01 - EP US); **F25B 2313/0232** (2013.01 - EP US); **F25B 2313/02741** (2013.01 - EP US); **F25B 2400/0409** (2013.01 - EP US); **F25B 2400/061** (2013.01 - EP US); **F25B 2700/151** (2013.01 - EP US); **F25B 2700/21152** (2013.01 - EP US)

Citation (search report)

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- [I] US 4484449 A 19841127 - MUENCH ERNEST [CA]
- [I] EP 1775528 A1 20070418 - DAIKIN IND LTD [JP]
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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 12150965 A 20120112**; JP 2012011963 A 20120124; KR 20110006686 A 20110124; US 201213349594 A 20120113