

Title (en)
REFRIGERATING AIR-CONDITIONING DEVICE

Title (de)
KÄLTE-KLIMAAANLAGE

Title (fr)
DISPOSITIF DE CLIMATISATION À RÉFRIGÉRATION

Publication
EP 2584285 A4 20140319 (EN)

Application
EP 10853187 A 20100618

Priority
JP 2010004088 W 20100618

Abstract (en)
[origin: US2013061622A1] A refrigerating and air-conditioning apparatus is provided, with which a cold-storage/refrigeration load and air-conditioning loads such as a cooling load and a heating load can be simultaneously processed and a stable heat source can be supplied throughout the year. In the refrigerating and air-conditioning apparatus, heating energy or cooling energy stored in the primary-side refrigerant is usable as an air-conditioning load through the indoor heat exchanger while cooling energy stored in the primary-side refrigerant is transferred to the secondary-side refrigerant circulated in the cold-storage/refrigeration refrigeration cycle through the first refrigerant-refrigerant heat exchanger so as to be usable as a cold-storage/refrigeration load.

IPC 8 full level
F25B 7/00 (2006.01); **F25B 1/00** (2006.01); **F25B 29/00** (2006.01)

CPC (source: EP US)
F25B 7/00 (2013.01 - EP US); **F25B 2313/0231** (2013.01 - EP US); **F25B 2313/0272** (2013.01 - EP US); **F25B 2313/02741** (2013.01 - EP US); **F25B 2339/047** (2013.01 - EP US); **F25B 2400/13** (2013.01 - EP US); **F25B 2400/23** (2013.01 - EP US)

Citation (search report)
• [XI] EP 2184563 A1 20100512 - MITSUBISHI ELECTRIC CORP [JP]
• See references of WO 2011158305A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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DOCDB simple family (application)
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