

Title (en)

HEAT RECLAIM FOR A MULTIFUNCTION HEAT PUMP AND A MUNTIFUNCTION AIR CONDITIONER

Title (de)

WÄRMERÜCKGEWINNUNG FÜR EINE MULTIFUNKTIONSWÄRMEPUMPE UND MULTIFUNKTIONSKLIMAANLAGE

Title (fr)

RÉCUPÉRATION DE CHALEUR POUR POMPE À CHALEUR MULTIFONCTION ET CLIMATISEUR D'AIR MULTIFONCTION

Publication

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Application

EP 15191499 A 20140320

Priority

- MY PI2013070136 A 20130802
- EP 14160810 A 20140320

Abstract (en)

The present invention relates to a heat reclaim arrangement for a multifunction air conditioner which performs multiple operating modes such as cooling mode, cooling with water heating mode, water heating mode, and defrost function that is suitable for cold climate application. Refrigerant circuits with simple arrangements are provided to form the above arrangements.

IPC 8 full level

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CPC (source: EP)

F25B 13/00 (2013.01); **F25B 40/04** (2013.01); **F25B 2313/003** (2013.01); **F25B 2313/021** (2013.01); **F25B 2313/02742** (2013.01); **F25B 2339/047** (2013.01); **F25B 2700/2104** (2013.01); **F25B 2700/2106** (2013.01); **F25B 2700/21161** (2013.01)

Citation (applicant)

- CN 101231053 A 20080730 - GUANGDONG LIYOU THERMAL SYSTEM [CN]
- CN 101504211 A 20090812 - BRIGHT AIR CONDITIONING CO LTD [CN]
- CN 101504212 A 20090812 - BRIGHT AIR CONDITIONING CO LTD [CN]
- CN 201043824 Y 20080402 - GUANGDONG MIDEA ELECTRIC APLNC [CN]
- CN 201028886 Y 20080227 - JIANGSU GRANDIG AIR CONDITION [CN]

Citation (search report)

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- [A] US 2006288724 A1 20061228 - AMBS REX K [US], et al
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Designated contracting state (EPC)

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BA ME

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