

Title (en)

Heat reclaim for a multifunction heat pump and a multifunction 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 14160810 A 20140320

Priority

MY PI2013070136 A 20130802

Abstract (en)

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

IPC 8 full level

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CPC (source: EP)

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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)

- [I] AU 2010100284 A4 20100429 - VAST VISION LTD
- [A] US 2011214437 A1 20110908 - JEONG DONG WOON [KR], et al
- [AD] CN 101504212 A 20090812 - BRIGHT AIR CONDITIONING CO LTD [CN]
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