

Title (en)
Gas heat pump system

Title (de)
Gaswärmepumpensystem

Title (fr)
Système de pompe à chaleur à gaz

Publication
EP 2629031 A2 20130821 (EN)

Application
EP 12183190 A 20120905

Priority
KR 20120014758 A 20120214

Abstract (en)
The present invention relates to a gas heat pump system which uses a gas engine (122), and more particularly to a gas heat pump system for driving a compressor (121) to realize a refrigerating cycle by using a gas engine (122). The gas heat pump system includes a refrigerant pipeline, a compressor (121) for compressing refrigerant, a gas engine (122) for driving the compressor (121), a cooling water pipeline (140) provided to cool down the gas engine (122), a chiller (160) having a refrigerant heat exchanger (161) for heat exchange between the refrigerant from the compressor (121) and a fluid, and a high temperature heat exchanger (162) for heat exchange between the fluid having heat exchanged thus and the cooling water.

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Cited by
EP3334986A4; US10634394B2

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