

Title (en)

Heat pump with compressor oil distribution

Title (de)

Wärmepumpe mit Kompressorölverteilung

Title (fr)

Pompe à chaleur avec distribution d'huile pour compresseur

Publication

EP 1677057 A2 20060705 (EN)

Application

EP 05103535 A 20050428

Priority

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- KR 20040113916 A 20041228

Abstract (en)

The present invention relates to an air conditioner comprising: a plurality of compressors (20A,20B) disposed in parallel with each other; an oil outlet pipe (30A,30B) provided in the plurality of compressors respectively and discharging a surplus oil; a capillary tube (40A,40B) connected to the oil outlet pipe; and an oil equalizing pipe connected to the capillary tube and selectively supplying the surplus oil discharged through the oil outlet pipe to the plurality of compressors. Thus, the adequate oil level of the oil in the plurality of compressors may be maintained stably and also the oil equalizing function may be simplified.

IPC 8 full level

F25B 31/00 (2006.01)

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Cited by

EP2339270A1; EP2218984A3; US8028539B2; US8820103B2; WO2010115435A1

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