

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 1304532 B1 20080723 (EN)

Application
EP 01950048 A 20010724

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Abstract (en)
[origin: EP1304532A1] In a refrigerant circuit, a bypass circuit for providing a bypass between a liquid-side pipe 131 and a gas-side pipe 132 is provided with a receiver 121 collecting liquid refrigerant, a liquid pipe motor-operated valve 128 provided in a liquid pipe connection pipe 122 connecting the receiver 121 to the liquid-side pipe 131, and a gas pipe motor-operated valve 129 provided in a gas pipe connection pipe 123 connecting the receiver 121 to the gas-side pipe 132. Presence/absence of surplus refrigerant is determined based on a current heat exchange capacity of the indoor heat exchanger 103, and the amount of refrigerant in the receiver 121 is controlled by controlling the liquid pipe motor-operated valve 128 and the gas pipe motor-operated valve 129. <IMAGE>

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EP2015005A3; EP2587193A3; EP4047289A4; EP2622284A4; US8966919B2; US9151522B2; WO2009029506A1

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