

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 1304532 A4 20061102 (EN)

Application
EP 01950048 A 20010724

Priority
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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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Citation (search report)
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• [A] US 5937660 A 19990817 - LAU BILLY YING BUI [US], et al
• [E] EP 1300637 A1 20030409 - DAIKIN IND LTD [JP]
• [Y] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 08 6 October 2000 (2000-10-06)
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