

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 1998124 A4 20161102 (EN)

Application
EP 07738077 A 20070308

Priority
• JP 2007054587 W 20070308
• JP 2006065932 A 20060310

Abstract (en)
[origin: EP1998124A1] An object of the present invention is to control a high pressure gas pipe so as to reduce the pressure to a low level in order to prevent accumulation of liquid refrigerant in the high pressure gas pipe resulting from condensation. An air conditioner (1) is an air conditioner that performs a refrigerant quantity judging operation to judge the refrigerant quantity in a refrigerant circuit (10), and includes a heat source unit (2) , utilization units (3a to 3c), expansion mechanisms (V2, V9a to V9c), a first refrigerant gas pipe (52), a second refrigerant gas pipe (53), a refrigerant liquid pipe (51), switching mechanisms (4a to 4c), bypass circuits (27, 43a to 43c), bypass circuit opening/closing means (V3, V13a to V13c), and a controller (8). The switching mechanism can switch between a first state and a second state. The bypass circuit opening/closing means are provided in the bypass circuits that bypass the first refrigerant gas pipe to the second refrigerant gas pipe, and open and close the bypass circuits. The controller opens the bypass circuit opening/closing means before performing the refrigerant quantity judging operation.

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Citation (search report)
• [Y] JP 2006058007 A 20060302 - DAIKIN IND LTD
• [Y] JP H0363468 A 19910319 - DAIKIN IND LTD
• [A] JP H05288438 A 19931102 - DAIKIN IND LTD
• See references of WO 2007105604A1

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