

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 1632732 A4 20060726 (EN)

Application
EP 04745455 A 20040531

Priority
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Abstract (en)
[origin: EP1632732A1] In an air conditioner comprising a plurality of utilization units, an increase in the cost of parts constituting a refrigerant circuit is prevented even if the maximum working pressure of the refrigerant circuit increases. An air conditioner (1) comprises a plurality of utilization units (5), and comprises a vapor compression type refrigerant circuit (10) and an accumulator (25). The refrigerant circuit (10) comprises a high pressure unit (10a) constituted by the connection of parts capable of flowing a high-pressure refrigerant at a maximum working pressure of 3.3 MPa or higher, and a low pressure unit (10b) constituted by the connection of parts capable of flowing only low-pressure refrigerant at a maximum working pressure of less than 3.3 MPa. The accumulator (25) is one of the parts constituting the low pressure unit (10b), and is capable of pooling refrigerant circulating inside the refrigerant circuit (10) as liquid refrigerant. The refrigerant that flows through the low pressure unit (10b) and the high pressure unit (10a) is R410A.

IPC 8 full level
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