

Title (en)
Air conditioner and method of controlling the air conditioner

Title (de)
Klimagerät und Steuerverfahren dafür

Title (fr)
Dispositif de conditionnement d'air et méthode pour sa commande

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Application
EP 97308769 A 19971031

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JP 29088396 A 19961031

Abstract (en)
In an air conditioner (1), a refrigerant circulation cycle is constituted by sequentially connecting a compressor (2), an indoor heat exchanger (4) having an indoor fan (4a), a PMV and an outdoor heat exchanger (6) having an outdoor fan (6a). An alternative refrigerant having a saturated pressure higher than that of HCFC22(R22) at the same temperature is used as a refrigerant. The blowout angle of air blown out from the indoor fan (4a) is vertically regulated by lateral louvers. An indoor controller, a louver motor (LM) and a louver drive circuit are adapted to control, at the start of heating operation, the lateral louvers (27a,27b) so as to direct the air flow upward toward a ceiling side in the room and, when the indoor heat exchanger (4) reaches a state capable of executing heat exchange operation, adapted to control the lateral louvers (27a,27b) so as to direct the air flow downward toward a floor side in the room.

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Cited by
CN113701244A; CN107084517A; CN115717767A; EP1055885A3; ES2167162A1; CN114279098A; EP4414617A1; CN110567120A; EP3705801A4; DE102020130541B3; EP2012078A4

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