

Title (en)
Air conditioner

Title (de)
Klimaanlage

Title (fr)
Dispositif de conditionnement d'air

Publication
EP 1806542 A1 20070711 (EN)

Application
EP 06011515 A 20060602

Priority
KR 20060002277 A 20060109

Abstract (en)
An air conditioner capable of dehumidifying a space where an indoor unit is installed and even a space where an outdoor unit is installed is disclosed. The air conditioner includes a compressor for compressing refrigerant, an outdoor heat-exchanger including a first and a second heat-exchangers for performing heat-exchange of the refrigerant discharged from the compressor, a first decompression device installed at a pipe through which the refrigerant discharged from the outdoor heat-exchanger passes, an indoor heat-exchanger for performing heat-exchange of the refrigerant discharged from the outdoor heat-exchanger, a second decompression device installed at a pipe connected to the first and the second heat-exchangers, and a first two-way valve installed at a pipe for refrigerant to bypass the second decompression device.

IPC 8 full level
F24F 3/153 (2006.01)

CPC (source: EP KR US)
F24F 1/06 (2013.01 - EP KR US); **F24F 3/153** (2013.01 - EP KR US); **F25B 1/00** (2013.01 - KR); **F25B 41/20** (2021.01 - KR); **F25B 41/30** (2021.01 - KR); **F25B 49/00** (2013.01 - KR); **F25B 2400/0411** (2013.01 - EP KR US); **F25B 2600/2501** (2013.01 - EP KR US); **F25B 2600/2513** (2013.01 - EP KR US)

Citation (search report)
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• [A] JP 2001330274 A 20011130 - MITSUBISHI HEAVY IND LTD
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Designated contracting state (EPC)
DE FR GB

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1806542 A1 20070711; CN 101000165 A 20070718; KR 20070074301 A 20070712; US 2007157660 A1 20070712

DOCDB simple family (application)
EP 06011515 A 20060602; CN 200610092214 A 20060614; KR 20060002277 A 20060109; US 48053906 A 20060705