

Title (en)
Air conditioner

Title (de)
Klimaanlage

Title (fr)
Climatiseur

Publication
EP 1635129 A3 20170111 (EN)

Application
EP 05019588 A 20050908

Priority
JP 2004260403 A 20040908

Abstract (en)
[origin: EP1635129A2] In an air conditioner comprising an exterior heat exchanger (2a, 2b) usable as desired one of an evaporator and a condenser, a first interior heat exchanger (6a) usable as another evaporator, a second interior heat exchanger (6b) usable as another condenser, and a compressor (1) for pressurizing the refrigerant, a valve means (3a, 3b, 4a, 4b, 5, 8a, 8b, 9a, 9b) is capable of changing a flow course of refrigerant between a cooling main course using the exterior heat exchanger as the condenser and a heating main course using the exterior heat exchanger as the evaporator.

IPC 8 full level
F25B 13/00 (2006.01)

CPC (source: EP)
F25B 13/00 (2013.01); **F25B 2313/007** (2013.01); **F25B 2313/0231** (2013.01); **F25B 2313/025** (2013.01); **F25B 2700/2106** (2013.01)

Citation (search report)

- [Xl] EP 1394476 A1 20040303 - LG ELECTRONICS INC [KR]
- [Xl] GB 2261964 A 19930602 - TOSHIBA KK [JP]
- [Xl] JP H0526532 A 19930202 - TOSHIBA AVE KK, et al
- [Xl] JP H0599525 A 19930420 - MATSUSHITA REFRIGERATION
- [Xl] EP 1443287 A2 20040804 - LG ELECTRONICS INC [KR]

Cited by
CN104515195A; EP2006615A3; EP1703230A3; CN102102920A; EP2339268A3; GB2422653B; EP3845830A1; WO2009103470A1; US7587909B2; US9939180B2; US11725855B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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AL BA HR MK YU

DOCDB simple family (publication)
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