

Title (en)
Modular air-conditioning unit

Title (de)
Modulare Klimaanlage

Title (fr)
Dispositif de climatisation modulaire

Publication
EP 1798491 B1 20080730 (EN)

Application
EP 05425893 A 20051219

Priority
EP 05425893 A 20051219

Abstract (en)
[origin: EP1798491A1] An air-conditioning unit (1) comprises a case (2) with air intake mouths (In) and air delivery mouths (On), ventilation means to admit air via the air intake mouths (In) and to expel air from the air delivery mouths (On), and heat exchange means. The unit (1) comprises air-conditioning modules (M_j) which are housed in the case (2), each module (M_j) comprising a closed air conveyor element (3) which has an air intake opening (4) in fluid communication with a corresponding air intake mouth of said air intake mouths (In) and an air delivery opening (5) in fluid communication with a corresponding air delivery mouth of said air delivery mouths (On). The ventilation means comprise a ventilation element (6) which is housed in each module of said air-conditioning modules (M_j). The heat exchange means comprise a first heat exchange element (7) which is housed in each module of said air-conditioning modules (M_j) at the corresponding air intake opening (4).

IPC 8 full level
F24F 3/044 (2006.01); **F24F 13/20** (2006.01)

CPC (source: EP)
F24F 3/044 (2013.01); **F24F 13/20** (2013.01)

Cited by
EP3605481A1; CN114294727A; US2012043061A1; US8776545B2

Designated contracting state (EPC)
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