

Title (en)

Indoor unit for a combined room cooling and heating installation

Title (de)

Innenraumeinheit für die kombinierte Kühlung und Beheizung eines Raums

Title (fr)

Unité intérieure pour refroidissement de salle et installation de chauffage combinés

Publication

EP 2103885 A1 20090923 (EN)

Application

EP 08005302 A 20080320

Priority

EP 08005302 A 20080320

Abstract (en)

Indoor unit (20) for a room cooling installation or a combined room cooling and heating installation and to be connected to a piping for circulating a fluid to be used for cooling, the indoor unit comprising: at least one component (105, 106) to be flown through by the fluid, said component having an outer surface on which condensation water drops may be formed and which is located at a first position in the vertical direction; a main drain pan (100) located at a second position lower than said first position in the vertical direction for receiving and discharging the condensation water; and at least one condensation water guide (105) extending at least in the vertical direction between the first position and the second position and being formed to guide condensation water on the outer surface of said component (105, 106) to said main drain pan (100).

IPC 8 full level

F24F 13/22 (2006.01); **F24F 3/06** (2006.01); **F24F 5/00** (2006.01)

CPC (source: EP)

F24F 3/06 (2013.01); **F24F 5/0096** (2013.01); **F24F 13/222** (2013.01); **F24F 2013/227** (2013.01); **F24F 2221/54** (2013.01)

Citation (search report)

- [XY] EP 1574789 A2 20050914 - MITSUBISHI ELECTRIC CORP [JP]
- [Y] EP 0508245 A1 19921014 - RIELLO CONDIZIONATORI SAS [IT]
- [A] EP 1441183 A1 20040728 - TECNOCASA SRL [IT]
- [A] EP 0468318 A2 19920129 - RIELLO CONDIZIONATORI SAS [IT]

Cited by

CN105805907A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2103885 A1 20090923; **EP 2103885 B1 20110427**; AT E507441 T1 20110515; DE 602008006520 D1 20110609

DOCDB simple family (application)

EP 08005302 A 20080320; AT 08005302 T 20080320; DE 602008006520 T 20080320