

Title (en)
INDOOR UNIT FOR AIR CONDITIONER

Title (de)
INNENRAUMEINHEIT FÜR KLIMAANLAGE

Title (fr)
UNITE INTERIEURE POUR CONDITIONNEUR D'AIR

Publication
EP 1361398 A4 20070307 (EN)

Application
EP 01273084 A 20011225

Priority
• JP 0111318 W 20011225
• JP 2001006296 A 20010115

Abstract (en)
[origin: EP1361398A1] An indoor unit for a low-place installation type air conditioner comprising a casing (1) having an air inlet (2) in the front surface (1a), an upper surface air outlet (3) in the upper surface (1b) and side surface air outlets (4) in the side surfaces (1c) and installed on an indoor floor (51) or in the vicinity thereof, and a fan (5) and a heat exchanger (6) that are disposed in the casing (1) such that the heat exchanger (6) lies on the suction side of the fan (5), wherein a second heat exchanger (7,8) is installed in the casing (1) to regulate the temperature of either the upper outlet air (Ab) or the side outlet air (Ac) such that the temperature of the upper outlet air (Ab) from the upper surface air outlet (3) is lower than the temperature of the side outlet air (Ac) from the side surface air outlet (4). The first heat exchanger (6) is positioned on the upstream side in the direction of airflow, while the second heat exchanger (7, 8) is positioned on the downstream side in the direction of airflow, and the second heat exchanger (7, 8) faces either the upper surface air outlet (3) or the side surface air outlet (4). <IMAGE>

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
• [XA] JP H10141741 A 19980529 - DAIKIN IND LTD
• [A] EP 1041351 A1 20001004 - DAIKIN IND LTD [JP]
• See references of WO 02055937A1

Cited by
CN100455910C; CN112283800A; CN104214920A; AU2006209087B2; EP1772678A1; EP2551607A1; EP1580491A1; EP1628082A3; CN103574863A; FR2947040A1; CN102439369A; US2016040896A1; CN105333500A; US2019003727A1; US11255551B2; US2019178506A1; RU2731072C2; CN112212408A; EP3382287A1; US9234666B2; US7181925B2; WO2010149865A1; EP1673580B1

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