

Title (en)
CEILING INSTALLATION TYPE AIR CONDITIONER AND HEAT EXCHANGER

Title (de)
KLIMAAANLAGE UND WÄRMETAUSCHER VOM DECKENINSTALLATIONSTYP

Title (fr)
ÉCHANGEUR DE CHALEUR ET CLIMATISEUR DU TYPE À INSTALLATION AU PLAFOND

Publication
EP 3315869 A4 20190327 (EN)

Application
EP 16814337 A 20160621

Priority

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- JP 2016068358 W 20160621

Abstract (en)

[origin: EP3315869A1] To provide a ceiling installation type air conditioner that is compact and has a good heat exchange efficiency. This ceiling installation type air conditioner (1) is provided with: a blower chamber (3) having an air inlet (27); a heat exchanger chamber (4) having an air outlet (28); a partitioning plate (26) separating the blower chamber (3) and the heat exchanger chamber (4); a blower (5) accommodated in the blower chamber (3); and a heat exchanger (7) accommodated in the heat exchanger chamber (4). The blower chamber (3) and the heat exchanger chamber (4) are connected via the blowing device (5). The heat exchanger (7) has a first heat exchange section (7A), a second heat exchange section (7B), and a third heat exchange section (7C). The first heat exchange section (7A), the second heat exchange section (7B), and the third heat exchange section (7C) each have a plurality of plate-shaped fins (71) and a plurality of heat transfer tubes (72). The first heat exchange section (7A) to the third heat exchange section (7C) are disposed in a substantially convex shape with respect to the air outlet (28).

IPC 8 full level
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Citation (search report)

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