

Title (en)
AIR CONDITIONING DEVICE AND METHOD

Title (de)
KLIMAANLAGE UND -VERFAHREN

Title (fr)
DISPOSITIF ET PROCÉDÉ DE CLIMATISATION

Publication
EP 3462099 B1 20210728 (EN)

Application
EP 17193632 A 20170928

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Abstract (en)
[origin: EP3462099A1] The air conditioning device according to the invention is intended for controlling humidity and temperature of supply air drawn from an outdoor space into an indoor space. The air conditioning device comprises a supply channel (2) having a first blower (1) for conducting supply air from an outdoor space (3) into an indoor space (4), and an exhaust channel (6) having a second blower (5) for conducting exhaust air from the indoor space (4) into the outdoor space (3). Further, between the supply channel and the exhaust channel there is a rotating energy exchanger (7), and in the supply channel there is a cooler (9) downstream of the energy exchanger for lowering the temperature of the supplied supply air below the dew point. According to the invention, the exhaust channel comprises, before the energy exchanger, an additional cooler (11) for lowering the temperature of the exhaust air stream before the energy exchanger.

IPC 8 full level
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