

Title (en)
DUCT TYPE AIR CONDITIONER

Title (de)
KANALKLIMAANLAGE

Title (fr)
CLIMATISEUR DE TYPE CONDUIT

Publication
EP 3748239 A1 20201209 (EN)

Application
EP 19898107 A 20190212

Priority
• CN 201811558380 A 20181219
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Abstract (en)
The present disclosure belongs to the technical field of air conditioning, and aims to solve the problems that the installation of existing air duct machines has limitations and the maintenance of the air duct machines is inconvenient. To this end, the present disclosure provides an air duct machine, wherein the air duct machine includes a cabinet, an electric control box, a heat exchanger and a centrifugal fan; the electric control box, the heat exchanger and the centrifugal fan are all disposed inside the cabinet, one of side panels of the cabinet is provided with a return air vent and an air outlet, the electric control box is disposed close to the return air vent, the centrifugal fan is disposed close to the air outlet, and the heat exchanger is disposed between the electric control box and the centrifugal fan. The present disclosure improves the selectivity and flexibility of the installation of the air duct machine, and facilitates the maintenance of the air duct machine. The air duct machine can have an ultra-thin design when installed in the ceiling, so that the installation space of the ceiling is reduced and the decoration cost is reduced. The installation space may also be saved during wall-embedded installation. Moreover, the airflow direction will not change due to the change of the installation method, so that space is further saved, user's demands on use are met, and the user experience is improved.

IPC 8 full level
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CPC (source: CN EP US)
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