

Title (en)

EVAPORATION DEVICE AND CONTROL METHOD THEREFOR, AND REFRIGERATED DISPLAY CABINET

Title (de)

VERDAMPFUNGSVORRICHTUNG UND STEUERUNGSVERFAHREN DAFÜR SOWIE GEKÜHLTER SCHAUKASTEN

Title (fr)

DISPOSITIF D'ÉVAPORATION ET SON PROCÉDÉ DE COMMANDE, ET CABINE D'AFFICHAGE RÉFRIGÉRÉE

Publication

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Application

EP 21879256 A 20210929

Priority

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- CN 2021121517 W 20210929

Abstract (en)

The present disclosure relates to an evaporator, a control method thereof, and a refrigeration display cabinet. The evaporator includes a heat exchange body (1). The heat exchange body (1) includes a dehumidification area (A) and an anti-frost cooling area (B) sequentially arranged along a first direction. The dehumidification area (A) is located at an air inflow side in the first direction. The heat exchange body (1) includes a heat exchange channel for refrigerant to flow. The heat exchange channel includes a plurality of first channel sections and a plurality of second channel sections. The plurality of first channel sections are arranged at intervals along the first direction, and extend along a second direction perpendicular to the first direction. The same side ends of adjacent first channel sections in the heat exchange channel are in communication with each other through the second channel sections. The number density of the first channel sections in the anti-frost cooling area (B) is less than the number density of the first channel sections in the dehumidification area (A).

IPC 8 full level

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CPC (source: CN EP KR)

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