

Title (en)

COMPOUND HEAT EXCHANGE EVAPORATIVE CONDENSER OF BOARD PIPE

Title (de)

ZUSAMMENGESETZTER WÄRMEAUSTAUSCHVERDAMPFUNGSKONDENSATOR EINES PLATTENROHRS

Title (fr)

CONDENSEUR PAR ÉVAPORATION ET ÉCHANGE DE CHALEUR COMBINÉ À ENSEMBLE CANALISATION

Publication

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Application

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Abstract (en)

[origin: US2017276437A1] The present invention discloses a combined plate-and-tube heat exchange evaporative condenser, which comprises a fan, a water pump, a water sprayer, a reservoir and a combined plate-and-tube heat exchanger; the combined plate-and-tube heat exchanger is composed of a plurality of combined plate-and-tube heat exchange pieces connected by inlet headers and outlet headers; the combined plate-and-tube heat exchange piece comprises a heat transfer plate and a serpentine tube machined by the heat exchange tube; the heat transfer plate is provided with a groove, and the shape of the groove is matched with that of the serpentine tube; the serpentine tube is disposed in the groove, and a gap between the serpentine tube and the groove is filled with a thermally conductive adhesive layer.

IPC 8 full level

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