

Title (en)
EVAPORATOR

Title (de)
VERDAMPFER

Title (fr)
ÉVAPORATEUR

Publication
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Application
EP 18750236 A 20180813

Priority
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Abstract (en)
[origin: WO2019105607A1] Evaporator comprising an enclosure (2) which is provided with a lateral confinement shell (3) with a substantially horizontal axis, which internally accommodates a dispenser (4) of a coolant fluid and at least one tube bundle (6), which is arranged below the dispenser (4) and comprises a plurality of exchanger tubes (7), which are passed through by a fluid to be cooled. At least one first group of exchanger tubes (7) is arranged along rows which extend on substantially horizontal and mutually superimposed planes. The exchanger tubes (7) of each row are arranged in at least one respective tray (11) for collecting and distributing the liquid coolant fluid. Each tray (11) has, along at least one first longitudinal edge, at least one first containment sidewall (12) which is adapted to allow the liquid coolant fluid contained therein to fall by overflowing into an underlying tray (11) and is provided in its bottom (11a) with a plurality of openings for draining (11b) the liquid coolant fluid.

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