

Title (en)
AIR CONDENSER

Title (de)
LUFTKONDENSATOR

Title (fr)
CONDENSEUR À AIR

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Application
EP 18756499 A 20180727

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Abstract (en)
[origin: WO2019021248A1] The invention relates to a cylindrical air condenser (100) comprising a heat exchanger (110) which has a cylindrical or polygonal shape that develops in a vertical direction (Z) from a base or bottom to a top, and a suction device (120) provided with a motorized fan (121) housed in a frame (122) arranged on the top of said heat exchanger (110). The cylindrical condenser (100) further comprises a distributor element (130), housed inside the heat exchanger (110) coaxially therewith, said distributor element (130) comprising a plurality of conduits (131a, 131b, 131c, 131d, 131e) arranged coaxially one to the other, said conduits (131a, 131b, 131c, 131d, 131e) having a progressively increasing height from the top to the bottom of the heat exchanger (110) and a progressively decreasing transversal dimension, the configuration of the distributor element (130) being such that, starting from the top towards the bottom or base of the heat exchanger (110), a plurality of through openings (A1-A6) whose areas are nominally identical are defined therein in the vertical direction (Z).

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