

Title (en)
COOLING APPARATUS

Title (de)
KÜHLAPPARAT

Title (fr)
APPAREIL DE REFROIDISSEMENT

Publication
EP 3537089 A1 20190911 (EN)

Application
EP 19160861 A 20190305

Priority
IT 201800003296 A 20180306

Abstract (en)
Cooling apparatus (10) which comprises: a support structure (11) which comprises a resting surface (12); a micro-channel heat exchanger (15) arranged vertically on the resting surface (12), the heat exchanger comprising a plurality of micro-channel tubes (25) arranged horizontally for the flow of a fluid and transverse air passages (26) between the micro-channel tubes, wherein the heat exchanger is curved along a circular line so as to define a circular upper opening (27) for the passage of air entering through the transverse air passages and a circular surface on the resting surface (12) delimited at its perimeter by the heat exchanger; a fan (19) arranged on the circular upper opening (27), and an airflow guide element (40) comprising a body (40a) of a generally frusto-conical shape arranged centrally on the circular surface of the resting surface (12).

IPC 8 full level
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Citation (search report)
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