

Title (en)
COOLING UNIT

Title (de)
KÜHLREGAL

Title (fr)
ÉTAGÈRE DE RÉFRIGÉRATION

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Abstract (en)
[origin: WO2014029612A1] The invention relates to a cooling unit comprising a base group (11), a rear wall group (12) and an upper group (13), defining a cooling chamber (4) from below, the back and above, and are provided at least in part with components of a cooling device (5) and which have a multi-layered structure with a flow channel arrangement embodied therein. In the base group (11) as well as the rear wall group (12) and the upper group (13) intermediate spaces are formed between respective layers as parts of the flow channel arrangement and the lower intermediate space (11.6) formed in the base group (11) is, on the rear side, in fluidic connection for the circulating air with a lower section of the vertical intermediate space (12.4) formed in the rear wall group (12) and the upper intermediate space (13.7) formed in the upper group (13) is, on the rear side thereof, in fluidic connection for the circulating air with an upper section of the vertical intermediate space (12.4) formed in the rear wall group (12) and an evaporator or another heat exchanger of the cooling device is arranged in the vertical intermediate chamber for generating cooling air. At least one ventilator (56), designed in particular as a radial ventilator, is arranged at least in the vertical intermediate spaces in order to guide the airflow through the intermediate spaces (11.6, 12.4, 13.7) which are the measures allowing an advantageous cooling function.

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