

Title (en)
A cooling unit for a climatized cabinet

Title (de)
Kälteeinheit für einen klimatisierten Schrank

Title (fr)
Unité de refroidissement pour une armoire climatisée

Publication
EP 2860477 B1 20161221 (EN)

Application
EP 14187920 A 20141007

Priority
DK PA201370572 A 20131010

Abstract (en)
[origin: EP2860477A2] The invention relates to a cooling unit for a commercial cabinet and a cabinet thereof. The cooling unit comprises a base and two or more top elements which together form two or more enclosed areas in which the components of the cooling unit are arranged. The base element comprises two or more inlets and two or more outlets arranged at opposite ends of the cooling unit. The inlets and outlets are connected via two or more cooling channels having an optimised dynamic shape. The compressor is placed in an enclosed area where air is drawn in through the condenser via one or more ventilators for leading heat away from the cooling unit. This provides a compact cooling unit with a low noise level that is easy to assemble and mount. The base and top elements protect the encapsulated components from external impacts and water splashes; thus, increasing the safety and reducing the transportation costs. This configuration allows the energy consumption to be optimised.

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Cited by
CN105444499A; CN107144072A; DE102017119022A1; WO2023279180A1

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