

Title (en)
RESONATOR ARRANGEMENT FOR THE CABINET OF A REFRIGERATION APPLIANCE

Title (de)
RESONATORANORDNUNG FÜR DAS GEHÄUSE EINER KÜHLVORRICHTUNG

Title (fr)
DISPOSITIF RÉSONATEUR POUR L'ARMOIRE D'UN APPAREIL DE RÉFRIGÉRATION

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Application
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Abstract (en)
[origin: WO2008092223A2] The invention refers to a resonator arrangement for the cabinet of a refrigeration appliance, said cabinet (3) defining a housing (1) and carrying, in the latter, a compressor (2) presenting a hermetic casing (2a) and a defrost water evaporating tray (10) comprising: a bottom wall (11), to be seated onto an upper portion of the casing (2a) of the compressor (2); and a peripheral wall (12) superiorly projecting from the bottom wall (11), at least one of the peripheral wall (12) and bottom wall (11) of the evaporating tray (10) carrying a noise absorbing means turned to a noise generation region in said housing (1) and being dimensioned to define a certain reactive impedance and a certain dissipative impedance in the medium of the housing (1) for a determined frequency band.

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