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**(54) Title:** REFRIGERATION SYSTEM FOR COMPACT EQUIPMENT

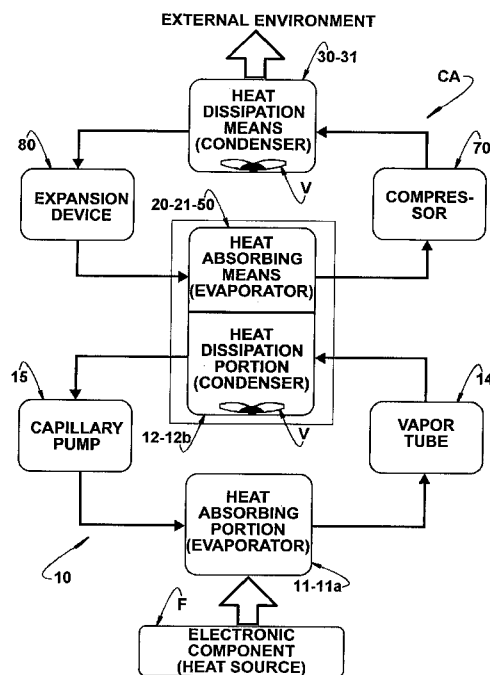


FIG. 4

**(57) Abstract:** The present invention provides a refrigeration system for compact equipment, particularly of the type comprising electronic circuits and internally provided with a heat source (F) to be cooled, said refrigeration system comprising: a heat dissipation device (10) mounted in the equipment (E) and including a heat absorbing portion (11), which absorbs heat from the heat source (F), and a heat dissipation portion (12) accessible from the outside of the equipment (E) and which releases the heat to the exterior of the equipment (E); and an auxiliary refrigeration circuit (CA) external to the equipment (E) and having: a heat absorbing means (20) to be selectively coupled to the heat dissipation portion (12) so as to receive therefrom, by conduction, at least part of the heat received from the heat source (F) and dissipated by said heat dissipation portion (12); and a heat dissipation means (30) which releases the heat to the environment external to the equipment (E).



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