

ABSTRACT



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REFRIGERATED TRANSPORT VEHICLE



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One object of the present invention is to provide a refrigerated transport vehicle which comprises a small and light weight cooling system easily fitted to the vehicle; in order to accomplish the above object, the refrigerated transport vehicle comprising a vehicle body; an adiabatic freezing chamber (190) which is provided on the vehicle body and comprises an opening; an adiabatic evaporator chamber (160) fixed to an outer surface of the freezing chamber (190) so as to cover the opening and to communicate inner spaces of the freezing chamber (190) and the evaporator chamber (160); an evaporator unit (110) provided in the inner space of the evaporator chamber (160) for evaporating a coolant liquid and cooling the inner spaces of the freezing chamber (190) and the evaporator chamber (160); a condenser unit (120) provided on the outer surface of the evaporator chamber (160) for condensing a coolant vapor and discharging heat of condensation of the coolant vapor; and a circulation system (141) for circulating the coolant between the evaporator unit (110) and the condenser unit (120).