

ABSTRACT

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[OBJECT] To prevent excessive temperature increase without reducing the performance of a pump for suctioning vapor.

[Solution] A pump device including: a pump housing; a rotor eccentrically accommodated in the pump housing; a groove formed in the radiation direction of the rotor; and a vane accommodated so as to be able to slide in the groove, wherein a means 11 is provided for stopping function of the pump when the pump device is at or above a prescribed temperature. The vane is kept in a retracted state only when the temperature has risen; therefore, the pump can be operated normally without reducing the performance or function of the pump and can be protected by retracting the vane and stopping the pump function only when the temperature rises.

[SELECTED DRAWING] Figure 1