

Title (en)

Heat generating device and its applied system.

Title (de)

Anlage zur Wärmeerzeugung und seine Anwendung.

Title (fr)

Dispositif générateur de chaleur et son application.

Publication

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Application

EP 85112082 A 19850924

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- JP 20452584 A 19840929
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- JP 22953784 A 19841031
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Abstract (en)

This invention relates to a heat generating device and its applied warming or drying system which utilizes the air friction heat generated within a sealed chamber at reduced balanced pressure. This device comprises at least two of the sealed chamber connected in series, and a control means for reducing the current supplied to a rotary means of the sealed chamber when the reduced balanced pressure is achieved in the chamber. The device further comprises a connecting chamber with a plurality of heated air discharging slits for connecting the outlet of the preceding sealed chamber in air flow and the following sealed chamber, and/or an opening degree adjusting member for reducing the inlet opening of the sealed chamber when the reduced balanced pressure is achieved, thereby improving heating efficiency and saving energy.

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