

HEAT-DISSIPATING STRUCTURE HAVING SUSPENDED EXTERNAL TUBE AND INTERNALLY RECYCLING HEAT TRANSFER FLUID AND APPLICATION APPARATUS

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ABSTRACT

The present invention is provided with a suspended external tube (101) and an inner tube (103) installed therein, wherein the diameter differentiation between the inner diameter of the external tube and the outer diameter of the inner tube is served to constitute a partitioned space
10 as the fluid path, the front tube of the external tube is served to be installed with an electric energy application device assembly (108), and through the fluid pump (105) serially installed to the heat transfer fluid path pumping the heat transfer fluid to form a closed recycling fluid path, and through the exposed portion of the outer surface of the suspended
15 external tube (101), temperature equalizing operation is enabled to perform with the external gaseous environment or the liquid or solid environment manually installed but not disposed in the stratum or liquid of the shallow ground natural thermal energy body.

20 Figure 40