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(54) Title: METHOD FOR ON DEMAND POWER PRODUCTION UTILIZING GEOLOGIC THERMAL RECOVERY

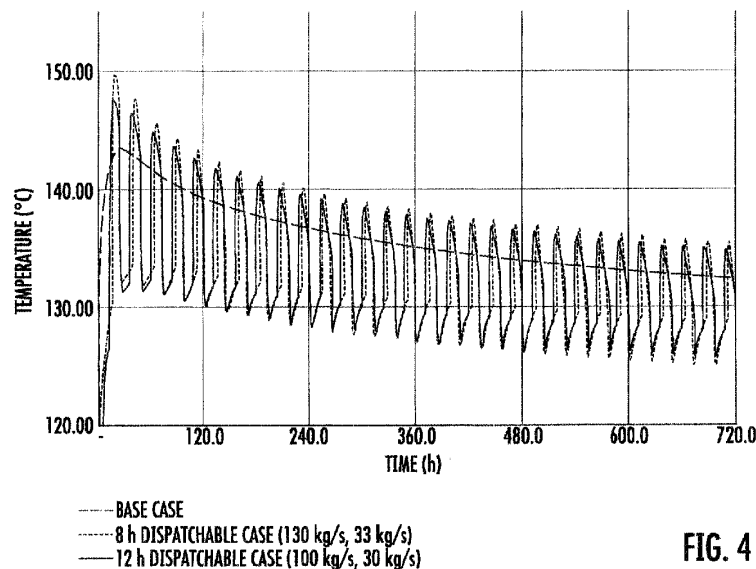


FIG. 4

(57) Abstract: Methods for providing on demand power to an end user in a variety of embodiments are disclosed. Closed loop thermal recovery arrangements are disposed within a geologic formation having a predetermined potential thermal output capacity. A power generation device is incorporated in the loop to recover energy. A working fluid is circulated within the loop at varying flow rates to oscillate thermal output about the predetermined potential thermal output capacity, to produce on demand power where the average thermal output may equal the predetermined potential thermal output capacity. Integrations with intermittent renewable energy sources are provided which optimize performance and distribution.

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