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(71) Applicant: **WATLOW ELECTRIC MANUFACTURING COMPANY** [US/US]; 12001 Lackland Road, St. Louis, MO 63146 (US).

(72) Inventors: **OPLAWSKI, Andrew**; 12001 Lackland Road, St. Louis, MO 63146 (US). **QUANDT, Jeremy**; 409 W. Broadway, Winona, MN 55987 (US). **NESS, Keith**; 12001

Lackland Road, St. Louis, MO 63146 (US). **LINDLEY, Jacob**; 5512 Murdoch Avenue, St. Louis, MO 63109 (US).

(74) Agent: **FADIPE, Abha, T.**; Burris Law, PLLC, 300 River Place Drive, Suite 1775, Detroit, MI 48207 (US).

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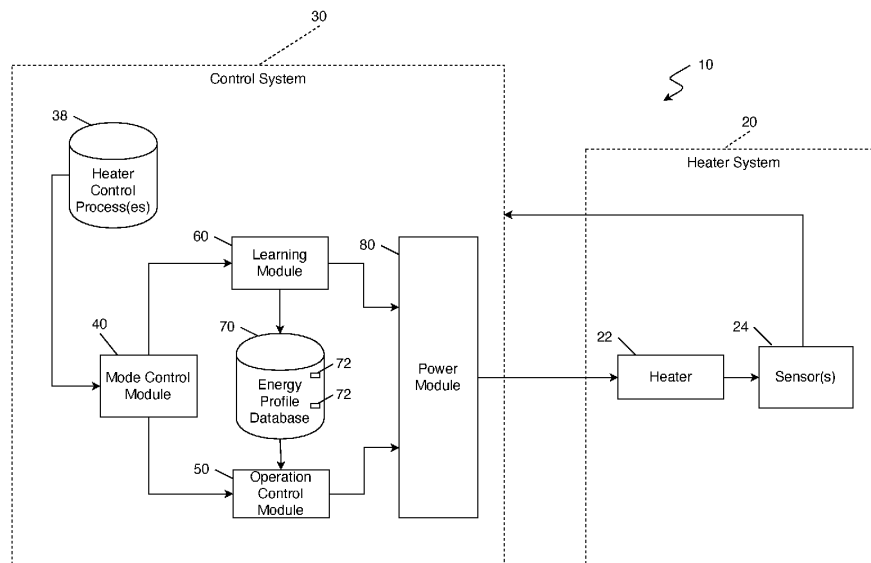


FIG. 1

(57) Abstract: A method for controlling a heated process of an electric heater includes obtaining a setpoint variable indicating a target temperature of the heater. The method includes identifying an energy profile for the heater based on the setpoint variable. The energy profile provides a defined magnitude of initial electrical energy to be applied to the heater to have a temperature of the heated process reach the target temperature. The method includes obtaining a process variable indicating a performance characteristic of the heated process. The method includes providing electrical energy to the heater based on at least one of the energy profile and the process variable.

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