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H05B 6/12 (2006.01)(72) Inventors: **Myoeng Soo PARK**, Seoul (KR);
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Seunghak KIM, Seoul (KR)(52) **U.S. Cl.**
CPC **H05B 6/1254** (2013.01); **H05B 2206/022** (2013.01); **H05B 2213/04** (2013.01)(21) Appl. No.: **17/826,772**(57) **ABSTRACT**(22) Filed: **May 27, 2022**(30) **Foreign Application Priority Data**

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An electric range is provided that may include a dedicated coil temperature sensor configured to measure a temperature of a working coil so as to monitor the temperature of the working coil in real time and actively respond to a working coil load condition, thereby remarkably increasing an operation time of the electric range.

