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(54) Title: PYROMETRY ERROR DETECTION SENSOR FOR RTP TEMPERATURE CONTROL SYSTEM

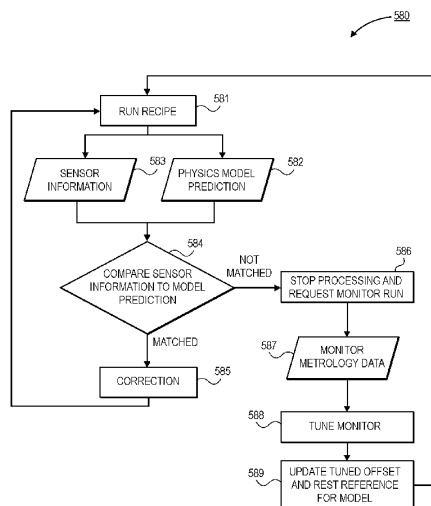


FIG. 5

(57) Abstract: Embodiments disclosed herein include a method for determining a temperature error of a pyrometer. In an embodiment, the method comprises measuring a first signal with a first sensor of the pyrometer and measuring a second signal with a second sensor of the pyrometer. In an embodiment, the method further comprises determining a reflectivity of a reflector plate from the first signal and the second signal, and determining the temperature error using the reflectivity.

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