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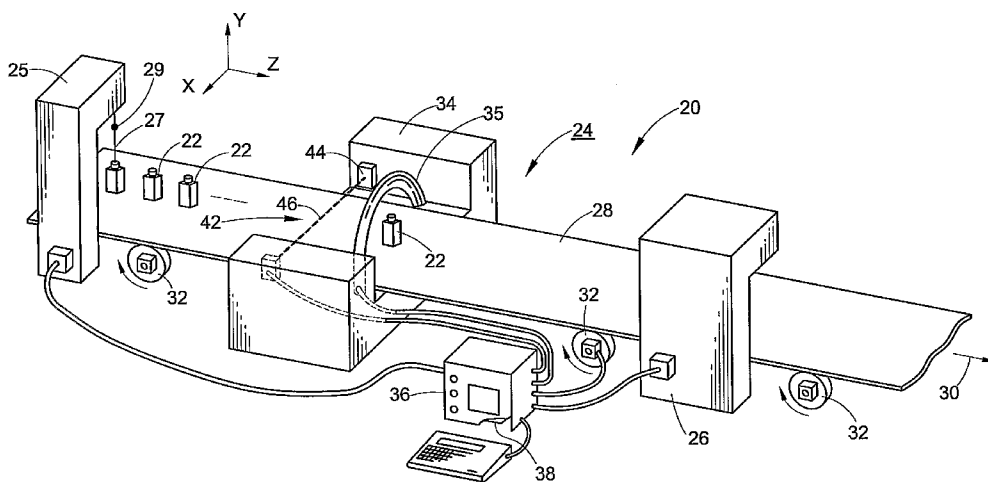
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(54) Title: METHOD FOR ACCURATE DETERMINATION OF SAMPLE TEMPERATURE IN A NMR CHECK WEIGHING SYSTEM



(57) Abstract: A method (10) permits determining the temperature in a magnetic resonance check weighing system (24) of a sample in a container (22) on a production line at the time of magnetic resonance testing. Method (10) includes the steps of determining a time-temperature correction factor for the sample in the container (50), measuring the temperature of the composite sample and the container at a time other than the time of magnetic resonance testing (70), and applying the correction factor to the temperature of the composite sample and container at a time other than the time of magnetic resonance testing (80).

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