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## (54) Title of the invention: IOT EMPLOYMENT FOR MONITORING THE RISE OF THE TEMPERATURE OF MASS CONCRETE BLOCK

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(57) Abstract:

(06) The study has been motivated by the challenge to join a low cost open hardware technology to the well knowledge thermometric practices used on the determination of the heat of hydration and temperature rise of the mass concrete. It was produced a data logger constructed is capable of record and publish in real time by the web (IOT) the temperature reached at different regions of mass concert structure during its hardening stage. The results of the experimental stage of this work have shown that the data logger constructed is capable to capable of record and publish in real time by the web (IOT) the temperature reached at different regions of mass concert structure during its hardening stage. The results of the experimental stage of this work have shown that the data logger constructed is capable to capable to record with accuracy and precision the temperature rise of the mass concrete. It was produced a data logger constructed is capable to capable of record and publish in real time by the web (IOT) the temperature reached at different regions of mass concert structure during its hardening stage. The results of the experimental stage of this work have shown that the data logger constructed is capable to capable of record and publish in real time by the web (IOT) the temperature reached at different regions of mass concert structure during its hardening stage. The results of the experimental stage of this work have shown that the data logger constructed is capable to capable of record and publish in real time by the web (IOT) the temperature reached at different regions of mass concert structure during its hardening stage. The results of the experimental stage of this work have shown that the data logger constructed is capable to capable of record and publish in real time by the web (IOT) the temperature reached at the capable of the experimental stage of this work have shown that the capable of the experimental stage of this work have shown that the capable of the experimental stage of this

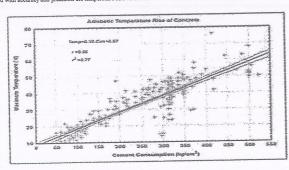
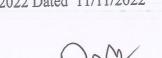


Figure 1, influence of binder consumption on adiabatic te

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