The Application of RFID System in the Electrical Appliances

姜智福、戴江淮

E-mail: 9804884@mail.dyu.edu.tw

ABSTRACT

The global warming creates the problem to the human culture is because it will cause the might formidable storm and the drought, the glacier melts, the sea horizon rise, the climate pattern sudden change. The solution method uses the high efficiency energy, the renewable energy sources as well as saves the energy and so on. The use province electricity's electric appliance thing as well as saves the energy. Uses has the only identification code radio frequency recognition system (RFID-Radio Frequency Identification) the technology, induces because of reader-writer (Read) and key-card (Tag) opens turning off a light automatically. Another ponder direction is opening the electric fan to be able to enable the indoor air circulation, the human to leave the negligence to forget that hurriedly turns off the electric fan conveniently, creates the energy waste. Reader-writer (Read) again with the key-card (Tag) communication, indoor electric fan automatic shut-off. Moreover, treats without the personnel when indoor, the electric lamp and the electric fan automatic shut-off. Now between the work place very many electric appliance commodities after closing the power source the electric appliance commodity stop work, when next opening power source, electric appliance commodity automatic operation, to avoid this question, has made a small mechanical arm, when next opening power source triggers the mechanical arm automatically the electric appliance commodity closure. Saves the electricity the electric appliance thing as well as saves the energy, is the present thesis research direction, saves the energy, the electric appliance.

Keywords : RFID ; appliance ; Saves the energy ; Electric

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