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(57) Abstract :
The present disclosure provides a system for capturing, storing and reusing energy released into environment as a by-product by electrical appliances. The system comprises one or more sensors (102) configured to detect one or more first form of energy facilitated to be converted into one or more second form of energy by one or more transducers (104) coupled to the one or more sensors (102). The one or more second form of energy is configured to be transmitted through one or more transmission units (108) to one or more storage units (106) adapted to store the one or more second form of energy. The one or more storage units (106) is adapted to provide electrical power to the electrical appliances in response to user inputs received by one or more input units (110) coupled to the electrical appliances and the one or more storage units (106).

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