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(57) Abstract :

The present disclosure relates to a system (100) for energy management of elevator, the system includes an elevator carriage (102) configured in shaft of the elevator, the elevator carriage adapted to accommodate one or more objects, one or more pulleys (104) configured on top portion of the elevator carriage, and on the top portion of the shaft. A controller (204) receive, from one or more sensors (202), the set of attributes of the elevator carriage, and transmit, from a transceiver (208), the set of attributes to a memory device, to extract set of values, wherein, based on the determination of the extracted set of values from corresponding reference range of values in the memory device, the controller is configured to control motors (108) and electronic devices (212) to facilitate energy management in the elevator.

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