

(54) Title of the invention : SYSTEM AND METHOD TO MONITOR AND CONTROL ELECTROLYTE LEVEL IN BATTERY

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**(71)Name of Applicant :****1)Chitkara University**

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. -----

**2)Chitkara Innovation Incubator Foundation****Name of Applicant : NA****Address of Applicant : NA****(72)Name of Inventor :****1)KAUR, Rajwinder**

Address of Applicant :Department of Computer Applications, CUIET, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. -----

**2)SANDHU, Jasminder Kaur**

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. -----

**3)SINGH, Jaswinder**

Address of Applicant :Department of Computer Applications, CUIET, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. -----

**4)SINGH, Gurpreet**

Address of Applicant :58/9, Near Ambala Hisar Flyover, Kanch Ghar, Ambala City, Haryana - 134003, India. -----

**5)SINGH, Ravinder**

Address of Applicant :Vill. Nera PO., Suliali Teh, Nurpur, District Kangra, Himachal Pradesh - 176211, India. -----

**(57) Abstract :**

A system (100) to monitor electrolyte level in a battery (102) such as lead-acid battery is disclosed. The battery includes one or more cells (104) that are fluidically coupled with a container (106), the container (106) configured to store a liquid i.e. distilled water. Additionally, the system includes a float valve (116) coupled to each of the cell (104), and the float valve (116) automatically moves up and down to prevent and enable flowing of the liquid from the container (106) to the cell (104) that needs to be filled. Moreover, a sensor (120) coupled to the container (106) to detect the level of liquid in the container (106), and upon detection of low liquid level in the container (106), a notification is transmitted to a display device (124) and a mobile computing device (126) through a communication network (128)

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