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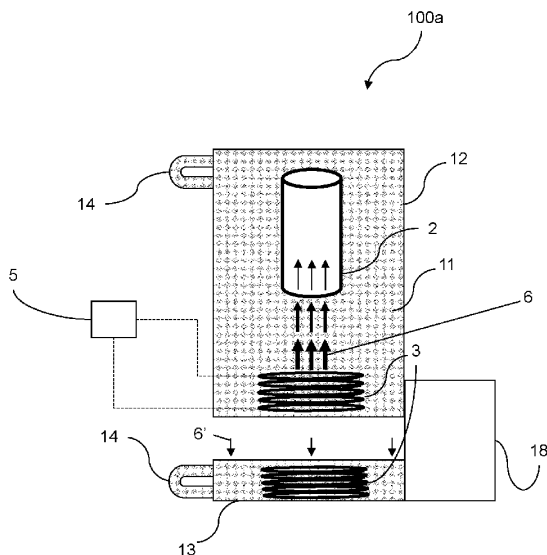


Figure 2

(57) Abstract: The present invention provides a system comprising a magneto-electrochemical sub-system comprising one or more magnetic field sources, the/each magnetic field source being configured to generate a respective magnetic field through one or more electrochemical cells. The system further comprises a thermal management sub-system for performing thermal management on the magneto-electrochemical sub-system, the thermal management sub-system comprising a thermal fluid in thermal communication with the one or more magnetic field sources and/or with the one or more electrochemical cells during use. There is further provided a system comprising a magneto-electrochemical sub-system comprising one or more magnetic field sources, the/each magnetic field source being configured to generate a respective magnetic field through one or more electrochemical cells, and an electric motor electrically coupled to the magneto-electrochemical sub-system. There is also provided a system comprising a magneto-electrochemical sub-system comprising one or more magnetic field sources, the/each magnetic field source being configured to generate a respective magnetic field through one or more electrochemical cells, and an electric motor magnetically coupled to the magneto-electrochemical sub-system via the one or more magnetic field guides. There is also provided an electric vehicle comprising the system.

[Continued on next page]

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