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(54) Title: INTERNALLY HEATED PHASE CHANGE MATERIAL HEAT BATTERIES

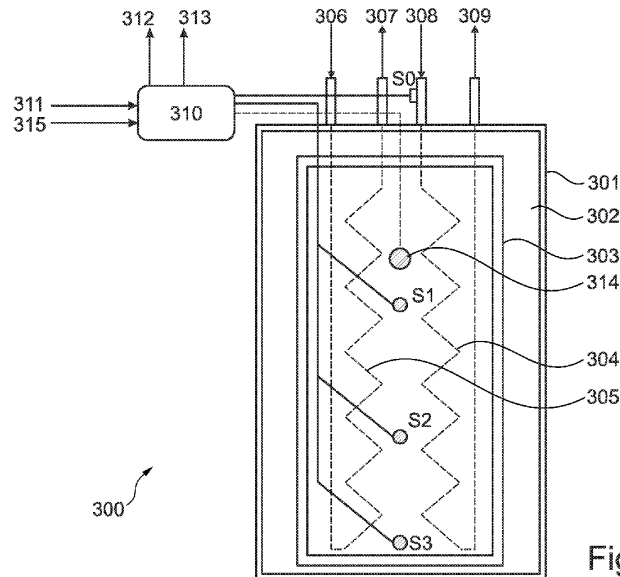


Fig. 3

(57) Abstract: There is herein defined phase change material (PCM) battery designs which are heated. More particularly, there is described integrally and/or internally located heating devices (e.g. electrical heating devices) in a range of heat batteries containing PCM. In particular, there is described a PCM heat battery comprising: a PCM enclosure capable of holding PCM; PCM located in the enclosure; an electronic control system for the PCM heat battery; a heating device located in the PCM heat battery; wherein the heating device is capable of heating and/or charging the PCM.

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