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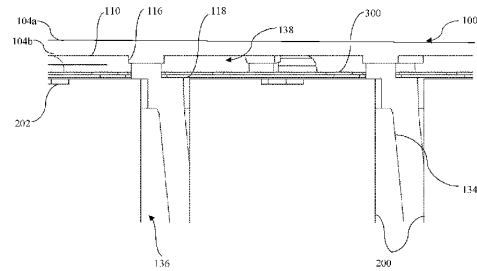
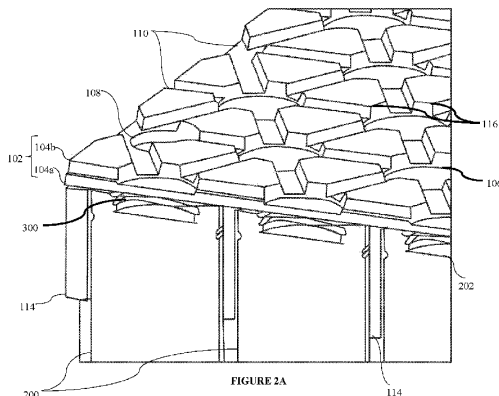


FIGURE 2B

(57) Abstract: Present embodiments disclosure discloses a battery module, which includes a plurality of battery cells, a busbar, a cover member, an insulator member positioned between the plurality of battery cells, and a casing element enclosing all the above. The cover member positioned above the busbar. The cover member includes an elongated body defining a first major surface and a second major surface, where the second major surface is defined with a plurality of grooves. The cover member also includes a plurality of dimples are defined along at least one of the first major surface and the second major surface. Further, at least one dimple of the plurality of dimples melt and form an aperture when at least one battery cell of the battery module undergoes a thermal runaway, to fluidly connect the first major surface with the plurality of grooves.

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