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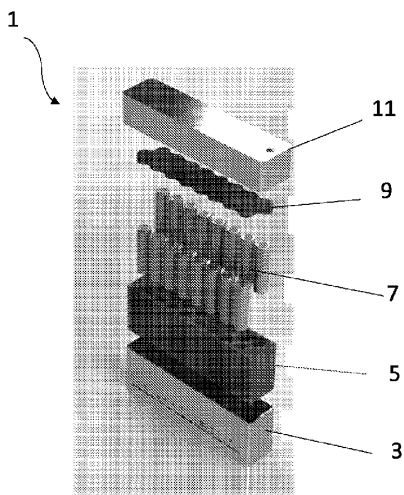
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(54) Title: FIRE PROTECTION AND INSULATION COMPOSITION AND METHOD OF USE THEREOF



[Fig. 6]

(57) Abstract: A fire protection and insulation composition comprising: sodium and/or lithium silicate, and additional or other filler or binder material, where-
in the composition, when applied to a said battery cell, acts as a thermally con-
ductive coating at normal working temperatures of the battery cell, and wherein
the sodium and/or lithium silicate undergoes hydrothermal crystallization into
amorphous silica when exposed to higher temperatures such that the coating acts
as a thermally insulative barrier for the battery cell.

[Continued on next page]

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