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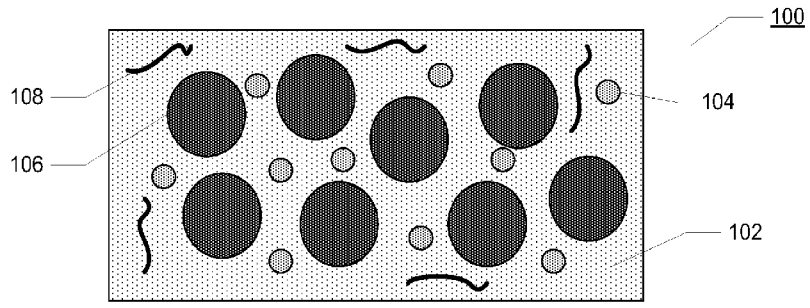


FIG. 1

(57) Abstract: In some embodiments, polymer thermal interface materials are presented. In this regard, a thermal interface material is introduced comprising a polymer matrix, a matrix additive, wherein the matrix additive comprises a fluxing agent, and a spherical filler material, wherein the spherical filler material comprises a metallic core with an organic solderability preservative coating. Other embodiments are also disclosed and claimed.

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