

AbstractAn improved dielectric elastomeric material

- 5 There is provided a dielectric elastomeric material having a permittivity of 20-65 at 10^3 Hz, wherein the dielectric elastomeric material is formed from a composition comprising: a polymer comprising at least one acrylate monomer; a cross-linker; and a photoinitiator. There is also provided a conductive elastomer comprising the dielectric elastomeric material, as well as a method of forming the dielectric elastomeric material.

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(Figure 1)