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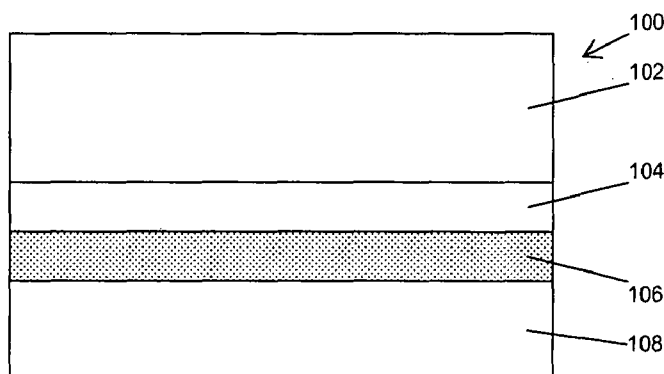


Figure 1

(57) Abstract: A light-emitting device comprising: a hole injection layer, an electron injection layer, and a composite emitter layer including a soft material exciton donor and exciton acceptor nanoparticles substantially dispersed within the exciton donor matrix, wherein electrons from the electron injection layer and holes from the hole injection layer generate excitons in the exciton donor matrix, and the primary mechanism of photon generation at the nanoparticles is substantially through non-radiative energy transfer of the generated excitons directly into the nanoparticles.



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