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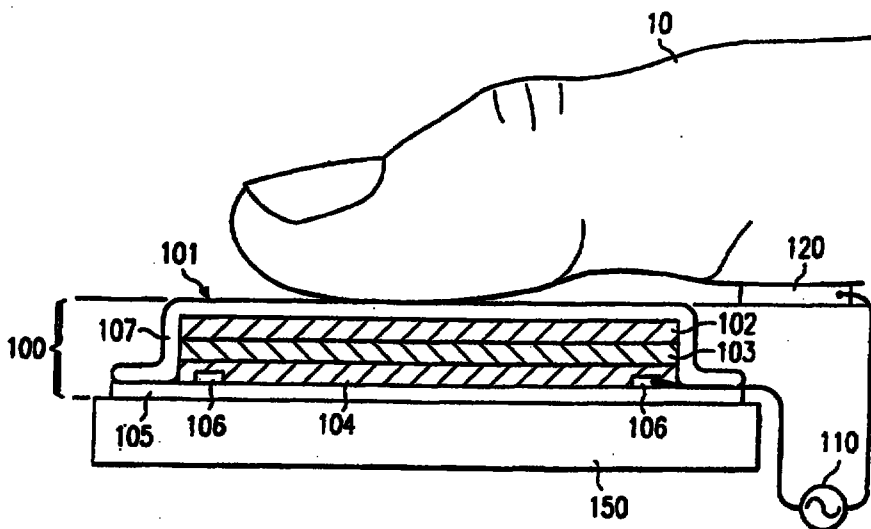
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(54) Title: IRRADIATED IMAGES DESCRIBED BY ELECTRICAL CONTACT IN THREE DIMENSIONS



(57) Abstract

A device generating images (101) described by three dimensional contact (such as the grip of a human palm) (10), in which the contact itself closes an open circuit to generate radiation in a pattern in register with the contact (110). The resulting irradiated image corresponds directly to the contact pattern energizing the radiation. In a preferred embodiment enabled by an electroluminescent system without a back electrode, the grip of a palm print is disposed to close the open circuit by making contact and thereby serving as a "temporary" back electrode. The electroluminescent then energizes in a pattern in register with the contact (i.e. the palm print) to emit a high-resolution image of visible light with high fidelity to the contact. This visible light image may then be directed on to a photosensitive array standard in the art suitable for pixelation and conversion into an electrical signal representative of the image. This signal is available for computerized storage, analysis, processing and comparison.