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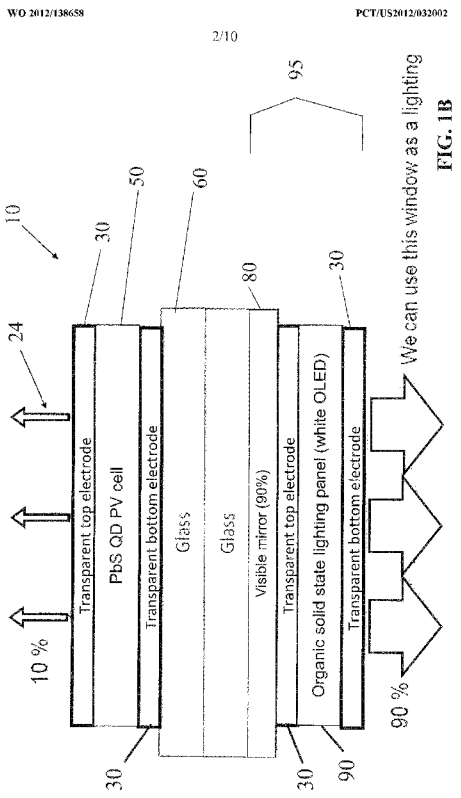
(54) Title: METHOD AND APPARATUS FOR PROVIDING A WINDOW WITH AN AT LEAST PARTIALLY TRANSPARENT ONE SIDE EMITTING OLED LIGHTING AND AN IR SENSITIVE PHOTOVOLTAIC PANEL



(57) Abstract: Embodiments of the subject invention relate to a method and apparatus for providing a apparatus that can function as a photovoltaic cell, for example during the day, and can provide solid state lighting, for example at night. The apparatus can therefore function as a lighting window. An embodiment can integrate an at least partially transparent one-side emitting OLED and a photovoltaic cell. The photovoltaic cell can be sensitive to infrared light, for example light having a wavelength greater than 1 μm. The apparatus can be arranged such that the one direction in which the OLED emits is toward the inside of a building or other structure and not out into the environment.

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