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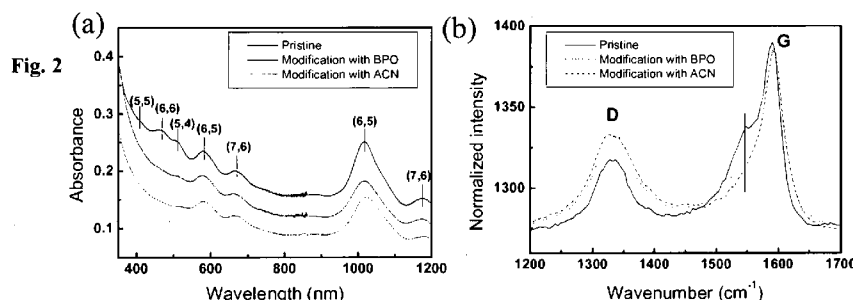
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(54) Title: METHOD FOR MODIFYING ELECTRICAL PROPERTIES OF CARBON NANOTUBES



(57) Abstract: The invention relates to a method of modifying electrical properties of carbon nanotubes by subjecting a composition of carbon nanotubes to one or more radical initiator(s). The invention also relates to an electronic component such as field-effect transistor comprising a carbon nanotube obtained using the method of the invention. The invention also relates to the use of the modified carbon nanotubes in conductive and high-strength nanotube/polymer composites, transparent electrodes, sensors and nanoelectromechanical devices, additives for batteries, radiation sources, semiconductor devices (e.g. transistors) or interconnects.