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Carbon nanotube/nickel oxide nanocomposite thin films for selective solar absorber

Multi-walled carbon nanotube (MWCNT)/Nickel oxide nanocomposites were prepared on aluminum substrates for selective solar absorber applications. MWCNTs are functionalized in order to disperse in water and ethanol. Results from the characterization of the composite samples using techniques such as transmission and scanning electron microscopies will be presented and discussed.

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