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Abstract:

The present invention relates to nanocrystalline thin film cupric oxide photocathode and process of preparation thereof. More particularly, it relates to a nanocrystalline thin film cupric oxide photocathode and process of preparation thereof for the large-scale production of clean and recyclable hydrogen to meet the demand of fuel. It also relates developing said thin film cupric oxide nanocrystals photocathode which is cost-effective.



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