

عنوان مقاله:

Effect of current density on size and morphology of ThO₂

محل انتشار:

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نویسندگان:

Taher Yousefi - *NFCRS, Nuclear Science and Technology Research Institute, P.O. Box: 11365/8486, Tehran, Iran*

Hadi Malekmohammad - *nergy engineering and physics department, Amirkabir University of Technology, P.O. Box: 15875-4413, Tehran, Iran*

خلاصه مقاله:

Thorium oxide has important uses in nuclear industry. In all of the usages, the thoria particles size and uniformity are the point. Therefore, the finer and the more uniform the particles of thoria fuel are, the better results –such as flatter flux in nuclear industry will be. There is a variety of methods to produce thorium dioxide. In this research, by using the fast, clean, and novel method of electrodeposition, the effect of current density on size and morphology of ThO₂ has been investigated

کلمات کلیدی:

Thoria, Electrodeposition, nanoparticles, SEM, TEM, XRD

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