

Research of bi-nickel coatings obtaining process

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Abstract

© Published under licence by IOP Publishing Ltd. Modern machine building industry can't be without the use of special coatings, which allow increasing the physical and mechanical properties of the product. Nickel coatings are widely used, due to wear resistance and corrosion resistance. Black nickel coatings began to be used in solar power engineering, for efficient conversion of solar energy into thermal energy. Also nickel coatings are used in the manufacture of medical instruments. To improve the physical and mechanical properties of nickel coatings, the task was to study the possibility of creating a bi-nickel coating.

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