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Development of microplasma spraying technology for applying biocompatible coatings(Conference Paper)

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Краткое описание

This paper describes the equipment and technology of microplasma spraying from powder and wire materials for applying biocompatible coatings for medical implants and instruments. The authors observe the challenges and prospects of the implementation of the technology for manufacturing medical products and point out the successful application of microplasma spraying technology for applying biocompatible coatings for hip implants. © 2018, Peter the Great St. Petersburg Polytechnic University © 2018, Institute of Problems of Mechanical Engineering RAS.