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Mechanism Study of the Combined Process of Electrical Discharge Machining Ablation and Electrochemical Machining in Aerosol Dielectric

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Abstract: In previous studies, the electrical discharge machining (EDM) ablation technology was developed, which removed materials by using the chemical energy released from the combustion of metal instead of the energy of pulse power supply used in EDM. Although the machining efficiency was greatly improved, the problem of recast layer that generated on the machined surface during EDM ablation process had not been solved. In this study, the combined process of EDM ablation and electrochemical machining (ECM) in aerosol

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