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## Research of the impact acidity of electrolytic cathode on the course of the plasma-electrolytic process

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### Abstract

The object of research is a gas discharge with an electrolytic cathode, namely the influence of the nature of the cathode on the discharge. It is established that with decreasing the acidity of electrolytic cathode voltage of discharge ignition decreases. A mechanism is proposed to maintain the discharge at the gas-electrolyte interface. © Published under licence by IOP Publishing Ltd.

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