

Study of the binding zone of electrical discharge to the liquid cathode by high-speed visualization

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Abstract

© Published under licence by IOP Publishing Ltd. This work is devoted to the experimental study of the properties of the binding zone of gas discharge to the liquid electrolyte cathode. Detailed description of the processes on the border "plasma-liquid" was analysis by of high-speed shooting. Were installed the regularities of phenomena of transfer substance and electric charges from the liquid electrolyte in the plasma column.

<http://dx.doi.org/10.1088/1742-6596/789/1/012059>

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