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Influence of plasma-electrolyte discharge to the glass surface

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Abstract

© Published under licence by IOP Publishing Ltd. Gas discharges with liquid electrodes are known more than a hundred years. For these discharges typical is the fact that one of the electrodes is a conductive solution of electrolyte. The research resulted in found that the mechanisms of removal of glass for anodic and cathodic regimes differ. At cathodic regime occurs mainly thermal effect from the discharge. And at anodic regime occurs mainly glass etching by plasma of discharge.

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