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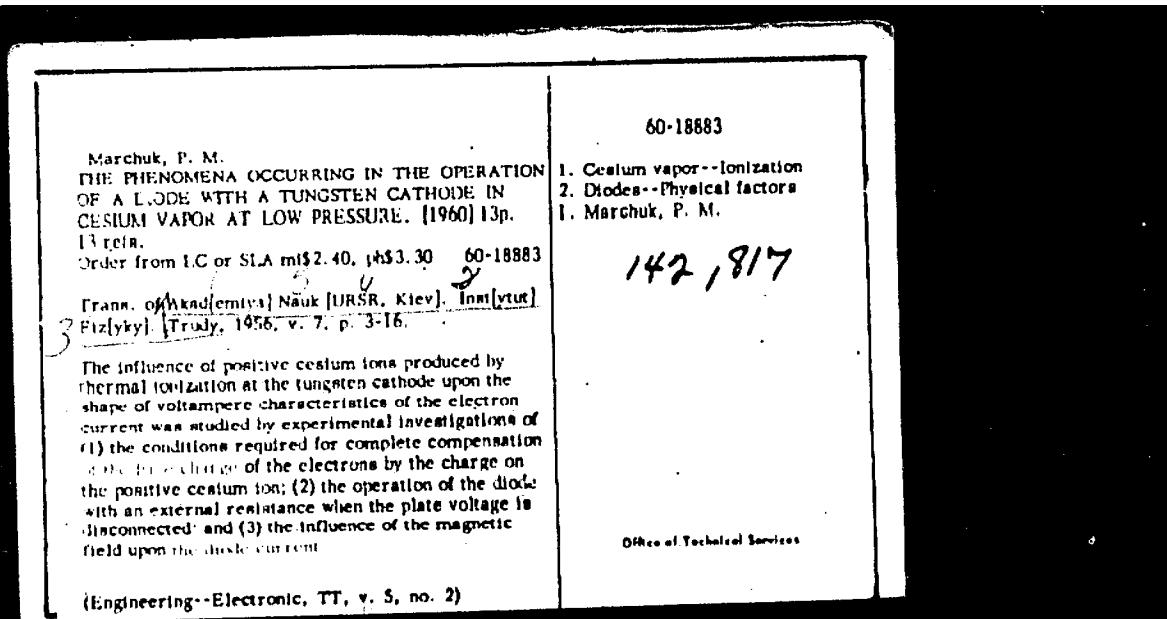
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DESCRIPTORS: \*Dielectrics, Phosphors, Zinc com-  
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An improved method is described for investigating  
photoelectric polarization with self-compensation.  
Results of an investigation of kinetics, stationary  
values and the excitation spectrum of the photoelectric  
polarization of ZnS phosphors are described. The  
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