

Title (en)

METHOD OF MANUFACTURING AN ELECTRON GUN COMPRISING A SEMICONDUCTOR CATHODE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER ELEKTRONENKANONE MIT HALBLEITERKATHODE

Title (fr)

PROCEDE DE FABRICATION D'UN CANON ELECTRONIQUE MUNI D'UNE CATHODE A SEMI-CONDUCTEUR

Publication

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Application

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Abstract (en)

[origin: WO9917326A1] During production of an electron gun, and prior to assembly of the gun, the surface of the cathode is cleaned in a clean room and provided with a protective layer of oxide. A protective layer having substantially no contaminations is provided in this way. The oxide layer is removed again after the assembly and before the cathode ray tube is vacuum-exhausted.

IPC 1-7

H01J 9/02

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