

Title (en)
RADIATION GENERATION DEVICE

Title (de)
STRAHLUNGSERZEUGUNGSANLAGE

Title (fr)
DISPOSITIF DE GÉNÉRATION DU RAYONNEMENT

Publication
EP 3053182 B1 20170816 (DE)

Application
EP 14772094 A 20140916

Priority

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Abstract (en)
[origin: WO2015074781A1] The invention relates to an electron gun for generating a flat electron beam, comprising a cathode with an emission surface which is curved about a central axis and which is designed to emit electrons. The electron gun further comprises an accelerating device for accelerating the electrons in a radial direction towards a target region on the central axis. Furthermore, the emission surface has a width in the azimuth direction and a height oriented perpendicularly to the width, said width being at least ten times greater than the height.

IPC 8 full level
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Citation (examination)

- DE 2334106 A1 19750116 - SIEMENS AG
- DE 1589006 B1 19700723 - UNITED AIRCRAFT CORP
- WO 2015058971 A1 20150430 - FRAUNHOFER GES ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E V [DE]
- DE 102009038687 A1 20110317 - SIEMENS AG [DE]

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