

Title (en)
ELECTRON GUN

Title (de)
ELEKTRONENKANONE

Title (fr)
CANON À ÉLECTRONS

Publication
EP 3853879 A1 20210728 (DE)

Application
EP 19769112 A 20190911

Priority
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Abstract (en)
[origin: WO2020058053A1] An electron gun is specified, which comprises: - a cathode, which has a cathode holder and a cathode body; and - a Wehnelt cylinder, wherein the cathode holder receives the cathode body and the Wehnelt cylinder is suitable for bundling free electrons, which can escape from the cathode body toward the Wehnelt cylinder, to form an electron beam, and the Wehnelt cylinder is interlockingly arranged, at least in some parts along a first inner surface facing the cathode holder, on an outer surface of the cathode holder and at least partly extends around the cathode holder.

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
See references of WO 2020058053A1

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