

Title (en)
X-RAY TUBE

Title (de)
RÖNTGENRÖHRE

Title (fr)
TUBE À RAYONS X

Publication
EP 4177927 A1 20230510 (EN)

Application
EP 21207192 A 20211109

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Abstract (en)
The present invention relates to an X-ray tube (10) comprising a cathode (20), the cathode comprising:- an electron emitter filament (30);- a first pair of grids (40); and- a second pair of grids (50).The first pair of grids are located at opposite sides of the electron emitter filament. The second pair of grids are located at opposite sides of the electron emitter filament closer to the electron emitter filament than the first pair of grids. The cathode is configured such that a voltage or an average voltage of the first pair of grids is different to a voltage of the second pair of grids.

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Citation (search report)
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