

Publication

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Application

**EP 96904583 A 19960131**

Priority

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- US 38688495 A 19950210

Abstract (en)

[origin: WO9625024A1] The x-ray source of the present invention comprises a charged particle beam generator (112) and a vacuum enclosure assembly (176). The charged particle beam generator includes only a single electrical connection (803) for providing high voltage to the electron gun. The generated charged particle beam is controlled through a series of dynamic and static focus coils (187, 185) and moved across the inner face of the target (50) by a stepping coil assembly comprising X and Y deflection coils (190) as well as an X step and preferably Y step coils (188). Further, to minimize power usage a control grid pinches off the charged particle beam during the stepping of the beam.

IPC 1-7

**H01J 35/00**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [XY] US 4206356 A 19800603 - DAVIS GORDON P [GB], et al
- [DY] US 4730350 A 19880308 - ALBERT RICHARD D [US]

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