

Title (en)
OMNIDIRECTIONAL X-RAY TUBE

Publication
EP 0355192 B1 19920205 (DE)

Application
EP 88113832 A 19880825

Priority
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Abstract (en)
[origin: EP0355192A1] Omnidirectional X-ray tube (16) with a ring-section shaped beam aperture (31, 51) partially surrounding the target (30, 50) and a design of cathode and electron beam optics (35, 36) on the one hand and of the target (30, 50) on the other hand such that the radiation emerging from the aperture covers a larger sector in the plane of the aperture, a cathode arrangement having at least two electron sources (33, 34) with associated electron optics (35, 36) and a design of the electron optics and of the target in such a way that one burn spot (40, 41, 60, 61, 62) is produced on the target (30, 50) per electron optics, and the radiation going out from the individual burn spots (40, 41, 60, 61, 62) covers mutually adjacent subsectors, but is largely shielded from a mutual superimposition. <IMAGE>

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