

Title (en)  
SCANNING X-RAY TUBE

Publication  
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Application  
**EP 83402529 A 19831223**

Priority  
FR 8222072 A 19821230

Abstract (en)  
[origin: EP0115731A2] Tube in which an electron beam (F) is deflected. The X-ray tube (10) comprises, in particular, a filament (2), a focusing element (3) behind the filament (2) and an anodic target (4); the filament (2) and the focusing element (3) form a cathode (C1) emitting the electron beam (F). The focusing element (3) consists of two metal parts (12, 13) electrically insulated from one another and from the filament (2). Independent polarisation of the two metal parts (12, 13) relative to the filament (2) makes it possible to obtain a deflection of the electron beam (F) by an electrostatic effect. The invention is applicable in particular to digital radiology equipment. <IMAGE>

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**H01J 35/066** (2019.04 - EP US); **H01J 35/14** (2013.01 - EP US)

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