

Title (en)
X-RAY BEAM POSITION MONITOR

Title (de)
MONITOR ZUR BESTIMMUNG DER LAGE EINES RÖNTGENSTRAHLS

Title (fr)
MONITEURS DE POSITION DE FAISCEAUX DE RAYONS X

Publication
EP 1230564 A1 20020814 (EN)

Application
EP 00966329 A 20001012

Priority
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Abstract (en)
[origin: WO0136998A1] An X-ray beam position monitor has a first series of three collection electrodes (1a, 1b, 1c) and a first biasing electrode (3) for detecting the rotational position of the X-ray beam about a vertical axis (26). The monitor also has a second series of three collection electrodes (5a, 5b, 5c) and a second biasing electrode (7) for detecting the rotational position of the X-ray beam about a horizontal axis (27). Signals generated at the collection electrodes are processed and used to derive the rotational position of the beam about the two axes (26, 27). These signals are also used to derive the translational position of the X-ray beam in horizontal and vertical planes. The beam is centered so that the monitor acts as a null-seeking monitor.

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G01T 1/29

IPC 8 full level
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