

Title (en)

Radiographic apparatus with a photoconductor and a corona charging system

Title (de)

Röntgenaufnahmegerät mit einem Photoleiter und mit einer Korona-Aufladeeinrichtung

Title (fr)

Appareil de radiographie avec un photoconducteur et un système de chargement à effet corona

Publication

EP 0646848 B1 19971203 (DE)

Application

EP 94202805 A 19940928

Priority

DE 4333325 A 19930930

Abstract (en)

[origin: EP0646848A1] The invention relates to a radiographic apparatus having a photoconductor (1) for converting X-radiation into a charge pattern, and having a corona charging system (3) for charging the surface of the photoconductor to a defined potential before taking a radiograph (X-ray photograph). Deposits of dust on the corona charging system and the artefacts associated therewith in the X-ray photograph are avoided in this case by providing a control unit (6) for operating the corona charging system in a charging mode and in a cleaning mode. In the charging mode, a first voltage (U1), and in the cleaning mode a second voltage (U2) of a polarity which is - at least for a time - opposite to that of the first voltage is applied to the corona charging system. <IMAGE>

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IPC 8 full level

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