

Title (en)

Circular shaped high-speed X-ray chopper performing a back and forth movement

Title (de)

Kreisförmig ausgebildeter Röntgenstrahlzerhacker, welcher eine Hin- und Herbewegung ausführt

Title (fr)

Découpeur pour rayons X ayant une forme circulaire et performant un mouvement de va-et-vient

Publication

**EP 1544866 A1 20050622 (DE)**

Application

**EP 03090446 A 20031219**

Priority

EP 03090446 A 20031219

Abstract (en)

A shielding plate (SP) (22) is set up to swivel on an axis (S) of rotation. For this purpose there is an electric motor (23) controlled by a control/evaluating unit. The SP has three segments (24-26). The first (24) and second (26) outer segments with a lead element are completely impervious to X-rays. A center segment (25) acts as a window in the SP for letting X-rays through. An independent claim is also included for a method for taking X-ray pictures.

Abstract (de)

Eine Röntgenbildaufnahmeanordnung (10) zur Bildaufnahme von Prüfobjekten (13), welche eine Strahlungsunterbrechungseinrichtung in der Form einer Kreisscheibe oder einer Kreissegmentscheibe aufweist und ein Hin - und Herbewegung durchführt. <IMAGE>

IPC 1-7

**G21K 1/04**

IPC 8 full level

**G21K 1/04** (2006.01)

CPC (source: EP)

**G21K 1/04** (2013.01)

Citation (search report)

- [X] US 6418194 B1 20020709 - MCPHERSON ARMON [US], et al
- [X] US 4945552 A 19900731 - UEDA KEN [JP], et al
- [A] US 4592083 A 19860527 - O'BRIEN THOMAS P [US]
- [X] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 02 26 February 1999 (1999-02-26)
- [A] PATENT ABSTRACTS OF JAPAN vol. 014, no. 400 (P - 1098) 29 August 1990 (1990-08-29)

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