

Title (en)

Reflector for X-rays

Title (de)

Reflektor für Röntgenstrahlung

Title (fr)

Réfecteur pour rayons X

Publication

EP 1422725 A3 20090429 (DE)

Application

EP 03020837 A 20030913

Priority

DE 10254026 A 20021120

Abstract (en)

[origin: EP1422725A2] The reflector (5) has a non-circular arc shaped reflecting surface along a cross section, which extends in an XZ plane containing an X direction. Another non-circular arc shaped reflecting surface along another cross section, which extends in an YZ plane perpendicular to the X direction. The latter arc shaped reflecting surface defines focusing properties of the reflector within YZ plane. An Independent claim is also included for an X-ray analysis device.

IPC 8 full level

G21K 1/06 (2006.01)

CPC (source: EP US)

G21K 1/06 (2013.01 - EP US)

Citation (search report)

- [XA] US 6022114 A 20000208 - FOO LESLIE D [US]
- [XA] EP 0339713 A1 19891102 - PHILIPS NV [NL]
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- [XA] WO 9943009 A1 19990826 - OSMIC INC [US]
- [A] WO 0225258 A1 20020328 - X RAY OPTICAL SYS INC [US]
- [PA] WO 02103710 A2 20021227 - X RAY OPTICAL SYS INC [US], et al
- [XA] COHEN L M: "Optimum shape of a Kirkpatrick-Baez X-ray reflector supported at discrete points for on-axis performance", APPLIED OPTICS USA, vol. 20, no. 9, 1 May 1981 (1981-05-01), pages 1545 - 1549, XP002519451, ISSN: 0003-6935
- [X] SUZUKI Y ET AL: "X-Ray focusing with elliptical Kirkpatrick-Baez mirror system", JAPANESE JOURNAL OF APPLIED PHYSICS, JAPAN SOCIETY OF APPLIED PHYSICS, TOKYO,JP, vol. 30, no. 5, 1 May 1991 (1991-05-01), pages 1127 - 1130, XP002436248, ISSN: 0021-4922

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)

AL LT LV MK

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 03020837 A 20030913; DE 10254026 A 20021120; US 29054505 A 20051201; US 69550403 A 20031029