

Title (en)
Point-line converter

Title (de)
Punkt-Strich-Konverter

Title (fr)
Convertisseur point-trait

Publication
EP 2461332 B1 20160727 (DE)

Application
EP 11191307 A 20111130

Priority
DE 102010062472 A 20101206

Abstract (en)
[origin: EP2461332A1] The arrangement has an X-ray source (2) comprising a brilliant X-ray point source (4), and a beam-conditioning X-ray optics comprising an X-ray optical element (3) for conditioning X-ray radiation emitted by the point source. An X-ray beam is rendered parallel in a direction perpendicular to a beam propagation direction, and remains divergent in a direction perpendicular to the beam propagation direction. The X-ray optical element comprises a Kirkpatrick-Baez mirror arrangement or a Montel mirror system, and is rotated around an axis of the beam propagation direction.

IPC 8 full level
G21K 1/06 (2006.01); **G01N 23/20** (2006.01)

CPC (source: EP US)
G21K 1/06 (2013.01 - EP US); **G21K 2201/064** (2013.01 - EP US)

Citation (examination)
US 2004190681 A1 20040930 - OMOTE KAZUHIKO [JP]

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2461332 A1 20120606; EP 2461332 B1 20160727; DE 102010062472 A1 20120606; US 2012140897 A1 20120607;
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EP 11191307 A 20111130; DE 102010062472 A 20101206; US 201113373644 A 20111123