Title (en)

X-RAY SOURCE AND X-RAY SYSTEM HAVING SUCH AN X-RAY SOURCE

Title (de)

RÖNTGENQUELLE SOWIE RÖNTGENANLAGE MIT EINER SOLCHEN RÖNTGENQUELLE

Title (fr)

SOURCE DE RAYONS X AINSI QU INSTALLATION DE RAYONS X ÉQUIPÉE D UNE TELLE SOURCE DE RAYONS X

Publication

EP 2297765 A1 20110323 (DE)

Application

EP 09779683 A 20090609

Priority

- EP 2009057085 W 20090609
- DE 102008033150 A 20080715

Abstract (en)

[origin: WO2010006846A1] The invention relates to an x-ray source (2) having a plurality of electron sources (41..4n) disposed at a distance from one another in a longitudinal direction (3), and a common anode (8) that is disposed opposite said electron sources and extends likewise in the longitudinal direction (3). The electrons originating from the electron sources (41..4n) for generating separate emission centers (181..18n) strike the anode (8) at locations disposed at special distances from each other in the longitudinal direction (3). The anode (8) can be rotated about an axis (A) that is oriented in the longitudinal direction (3).

IPC 8 full level

H01J 35/10 (2006.01); **H01J 35/14** (2006.01)

CPC (source: EP US)

H01J 35/10 (2013.01 - EP US); **H01J 35/153** (2019.04 - EP US); H01J 2235/068 (2013.01 - EP US); H01J 2235/081 (2013.01 - EP US); H01J 2235/086 (2013.01 - EP US)

Citation (search report)

See references of WO 2010006846A1

Citation (examination)

- JP 2007323964 A 20071213 - RIGAKU DENKI CO LTD
- EP 0322260 A1 19890628 - GEN ELECTRIC CGR [FR]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2010006846 A1 20100121; CN 102099888 A 20110615; CN 102099888 B 20130403; DE 102008033150 A1 20100211; DE 102008033150 B4 20120621; EP 2297765 A1 20110323; US 2011122992 A1 20110526; US 8619946 B2 20131231

DOCDB simple family (application)

EP 2009057085 W 20090609; CN 200980127866 A 20090609; DE 102008033150 A 20080715; EP 09779683 A 20090609; US 200913054371 A 20090609