

Title (en)

X-RAY GENERATOR TUBE COMPRISING AN ORIENTABLE TARGET CARRIER SYSTEM

Title (de)

RÖNTGENGENERATORRÖHRE MIT EINEM AUSRICHTBAREN ZIELTRÄGERSYSTEM

Title (fr)

TUBE GENERATEUR DE RAYONS X A ENSEMBLE PORTE-CIBLE ORIENTABLE

Publication

**EP 1636818 A1 20060322 (FR)**

Application

**EP 04741818 A 20040617**

Priority

- EP 2004051143 W 20040617
- FR 0307498 A 20030620

Abstract (en)

[origin: WO2004114353A1] The invention relates to an X-ray generator tube comprising a target carrier system which enables the incline of the radiating surface of the target to be regulated in relation to the electronic beam in order to determine the intensity of the X-ray emission and the resolution of the tube according to the desired application. For high-energy applications requiring a cooling circuit, the arrangement of said cooling circuit also enables the geometry thereof to be essentially improved in order to essentially increase its efficiency. The invention further relates to a plurality of arrangements of the cooling circuit, and to the method for producing the same.

IPC 1-7

**H01J 35/08**; **H01J 35/12**

IPC 8 full level

**H01J 35/08** (2006.01); **H01J 35/12** (2006.01)

CPC (source: EP US)

**H01J 35/106** (2013.01 - EP US); **H01J 2235/086** (2013.01 - EP US); **H01J 2235/1204** (2013.01 - EP US)

Citation (search report)

See references of WO 2004114353A1

Designated contracting state (EPC)

CH LI

DOCDB simple family (publication)

**FR 2856513 A1 20041224**; EP 1636818 A1 20060322; EP 1636818 B1 20110803; US 2007064873 A1 20070322; US 7302044 B2 20071127; WO 2004114353 A1 20041229

DOCDB simple family (application)

**FR 0307498 A 20030620**; EP 04741818 A 20040617; EP 2004051143 W 20040617; US 56126204 A 20040617