

Title (en)

FLY WHEEL ELECTRODE OF AN X-RAY TUBE

Title (de)

FLUGRADELEKTRODE EINES RÖNTGENSTRAHLROHRS

Title (fr)

ÉLECTRODE À VOLANT

Publication

EP 2052591 A2 20090429 (EN)

Application

EP 07805248 A 20070727

Priority

- IB 2007052981 W 20070727
- EP 06118713 A 20060810
- EP 07805248 A 20070727

Abstract (en)

[origin: WO2008017983A2] According to an exemplary embodiment of the present invention, an examination apparatus may be provided which temporarily stores energy on a gantry rotor. A rotatably mounted electrode of an X-ray tube may be used as an energy storage device for buffering the energy for driving the X-ray tube on the rotary part of the examination apparatus to avoid high peak transfer of power, in particular for the exposure times of the X-ray tube, by retrieving the stored energy of the rotating electrode, converting the energy and feeding to the X-ray tube at a time of exposure.

IPC 8 full level

H05G 1/02 (2006.01); **H01J 35/10** (2006.01); **H05G 1/10** (2006.01); **H05G 1/58** (2006.01)

CPC (source: EP)

H01J 35/10 (2013.01); **H05G 1/10** (2013.01)

Citation (search report)

See references of WO 2008017983A2

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2008017983 A2 20080214; **WO 2008017983 A3 20080410**; CN 101502185 A 20090805; EP 2052591 A2 20090429; JP 2010500714 A 20100107

DOCDB simple family (application)

IB 2007052981 W 20070727; CN 200780029476 A 20070727; EP 07805248 A 20070727; JP 2009523389 A 20070727