

Title (en)

X-ray analysis instrument with mobile aperture window

Title (de)

Röntgenanalyseinstrument mit verfahrbarem Aperturfenster

Title (fr)

Instrument d'analyse de rayons X doté d'une fenêtre d'ouverture mobile

Publication

EP 2175456 A3 20110921 (DE)

Application

EP 09000179 A 20090109

Priority

DE 102008050851 A 20081008

Abstract (en)

[origin: EP2175456A2] The X-ray analysis instrument has an X-ray source that emits an X-ray beam. A collimator mechanism has an aperture window with an aperture opening (3) through which X-ray beam is passed. The gradual movement of the aperture window is performed along a direction transverse to the X-ray beam. The path of movement of aperture window is larger than the extension of the X-ray beam along preset direction. An independent claim is included for method for operating X-ray analysis instrument.

IPC 8 full level

G21K 1/04 (2006.01); **G01N 23/00** (2006.01)

CPC (source: EP US)

G21K 1/04 (2013.01 - EP US)

Citation (search report)

- [XYI] US 2004066903 A1 20040408 - FUJINAWA GO [JP], et al
- [I] JP S61199700 U 19861213
- [A] US 2006062350 A1 20060323 - YOKHIN BORIS [IL], et al
- [Y] US 2003152192 A1 20030814 - HASEGAWA KIYOSHI [JP]
- [A] US 2004170250 A1 20040902 - VERMAN BORIS [US], et al

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)

EP 2175456 A2 20100414; EP 2175456 A3 20110921; DE 102008050851 A1 20100422; DE 102008050851 B4 20101111; US 2010086104 A1 20100408; US 7983388 B2 20110719

DOCDB simple family (application)

EP 09000179 A 20090109; DE 102008050851 A 20081008; US 46183009 A 20090826