

Title (en)
DEVICE FOR PRODUCING X-RAY RADIATION

Title (de)
VORRICHTUNG ZUR ERZEUGUNG VON RÖNTGENSTRAHLUNG

Title (fr)
DISPOSITIF DE PRODUCTION DE RAYONS X

Publication
EP 2883236 A1 20150617 (DE)

Application
EP 13763017 A 20130909

Priority
• DE 102012216977 A 20120921
• EP 2013068624 W 20130909

Abstract (en)
[origin: WO2014044567A1] A device (700) for producing x-ray radiation comprises an anode (500) with a target layer (510), a cathode (200) for emitting an electron beam (210), a deflection unit (300) for deflecting the electron beam onto the target layer by means of an electric field and a focusing unit (800) for focusing the electron beam.

IPC 8 full level
H01J 35/14 (2006.01)

CPC (source: CN EP KR US)
H01J 35/14 (2013.01 - KR); **H01J 35/147** (2019.04 - CN EP US); **H01J 35/153** (2019.04 - CN EP US); **H01J 35/18** (2013.01 - KR US); **H05G 1/32** (2013.01 - KR US); **H01J 35/18** (2013.01 - CN EP); **H01J 2235/165** (2013.01 - KR)

Citation (search report)
See references of WO 2014044567A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014044567 A1 20140327; CN 104823262 A 20150805; DE 102012216977 A1 20140327; DE 102012216977 B4 20160121; EP 2883236 A1 20150617; JP 2015529386 A 20151005; KR 20150075081 A 20150702; RU 2015114702 A 20161110; US 2015228442 A1 20150813

DOCDB simple family (application)
EP 2013068624 W 20130909; CN 201380060275 A 20130909; DE 102012216977 A 20120921; EP 13763017 A 20130909; JP 2015532367 A 20130909; KR 20157006913 A 20130909; RU 2015114702 A 20130909; US 201314428371 A 20130909