

Title (en)
X-ray tube

Title (de)
Röntgenröhre

Title (fr)
Tube à rayons x

Publication
EP 1028449 B1 20050126 (DE)

Application
EP 00200428 A 20000203

Priority
DE 19905802 A 19990212

Abstract (en)
[origin: EP1028449A1] The X-ray tube includes an arrangement for producing and focusing an electron ray (5) on a target material. The target comprises a gaseous or steam material, at least during the operation of the tube, which is enclosed under pressure in a chamber (6), at least partially transparent for electron ray and X-ray radiation. The target comprises preferably a heavy metal, such as quicksilver.

IPC 1-7
H01J 35/08

IPC 8 full level
H01J 35/08 (2006.01); **H01J 35/14** (2006.01)

CPC (source: EP US)
H01J 35/112 (2019.04 - EP US); **H01J 35/153** (2019.04 - EP US); **H01J 2235/082** (2013.01 - EP US)

Cited by
US9659738B2; WO2013185840A1

Designated contracting state (EPC)
DE FR GB NL

DOCDB simple family (publication)
EP 1028449 A1 20000816; **EP 1028449 B1 20050126**; DE 19905802 A1 20000817; DE 50009314 D1 20050303; JP 2000243332 A 20000908; US 6359968 B1 20020319

DOCDB simple family (application)
EP 00200428 A 20000203; DE 19905802 A 19990212; DE 50009314 T 20000203; JP 2000029564 A 20000207; US 50189500 A 20000210