

Title (en)
SUPPORT FOR ROTATING THE ANTI-CATHODE OF AN X-RAY TUBE

Publication
EP 0236241 B1 19900103 (FR)

Application
EP 87420026 A 19870128

Priority
FR 8601647 A 19860130

Abstract (en)
[origin: US4847883A] The present invention concerns a support of carbonaceous material for a rotary target of X-ray tubes. The support is formed of two parts which are fixed with respect to each other, one part being of a carbon/carbon composite which provides mechanical strength and the other part being of polycrystalline graphite for receiving a refractory metal, by virtue of its coefficient of expansion. A thermal contact is provided between the two parts. The invention is especially applicable to targets of X-ray tubes which rotate at a high speed, 20,000 RPM and above.

IPC 1-7
H01J 35/10

IPC 8 full level
H01J 35/10 (2006.01)

CPC (source: EP US)
H01J 35/108 (2013.01 - EP US); **H01J 2235/084** (2013.01 - EP US); **Y10T 428/12625** (2015.01 - EP US); **Y10T 428/1284** (2015.01 - EP US); **Y10T 428/30** (2015.01 - EP US)

Cited by
FR2686732A1; DE19906854A1

Designated contracting state (EPC)
AT BE CH DE ES GB GR IT LI LU NL SE

DOCDB simple family (publication)
US 4847883 A 19890711; AT E49323 T1 19900115; CA 1264801 A 19900123; DE 3761346 D1 19900208; EP 0236241 A1 19870909; EP 0236241 B1 19900103; ES 2012408 B3 19900316; FR 2593638 A1 19870731; FR 2593638 B1 19880318; GR 3000291 T3 19910315; JP H0361301 B2 19910919; JP S63164150 A 19880707

DOCDB simple family (application)
US 709387 A 19870127; AT 87420026 T 19870128; CA 528212 A 19870127; DE 3761346 T 19870128; EP 87420026 A 19870128; ES 87420026 T 19870128; FR 8601647 A 19860130; GR 890400141 T 19900221; JP 1712987 A 19870127