

Title (en)

BEARING UNIT FOR ROTARY ANODES OF X-RAY TUBES

Title (de)

LAGEREINHEIT FÜR DREHANODEN VON RÖNTGENRÖHREN

Title (fr)

UNITÉ PALIER POUR ANODES TOURNANTES DE TUBES À RAYONS X

Publication

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Application

EP 13823927 A 20131119

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Abstract (en)

[origin: WO2014075664A1] The invention relates to a bearing unit (1) for rotary anodes of x-ray tubes, comprising a shaft (2) and a flange element (3) to which a rotary anode can be attached, wherein: the bearing unit (1) can be inserted into a cutout within the x-ray tube and locked in place; the shaft (2) is mounted via a first bearing element (4) and a further bearing element (5); the first bearing element (4) and the further bearing element (5) each consists of an angular ball bearing (6, 9) mounted on the shaft (2) and having an inner ring (7, 10) and an outer ring (8, 11); and at least one spacer element (12, 13) is mounted between the inner rings (7, 10) and/or the outer rings (8, 11) of the first and the second bearing element (4, 5).

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