Title (en)

ROTARY ANODE X-RAY TUBE WITH A GLIDING BEARING, PARTICULARLY A SPIRALLY GROOVED BEARING

Publication

EP 0378273 A3 19910206 (DE)

Application

EP 90200048 A 19900109

Priority

DE 3900729 A 19890112

Abstract (en)

[origin: JPH02227947A] PURPOSE: To prevent damage of a bearing by forming a distance in a surface of bearing parts opposed to each other in a boundary region between bearings with volute groove so as to be a multiple of this distance in a region of the bearing itself with volute groove. CONSTITUTION: A bearing with volute groove 11a, 11b, 14a has in common a rotary part and stationary part 9, 8, for decoupling the bearing with volute groove 11b, 14a adjacent by space, a distance between surfaces of a rotary bearing part and/or stationary bearing parts 8, 9 opposed to each in a boundary region between the bearings with volute groove is formed so as to be a multiple of this distance in a region of the bearing with volute groove. Accordingly, a lubricant provided in this boundary region decouples these two bearings 11b, 14a to each other, small lubricating action is only generated. In this way, damage of the bearing 11a, 11b, 14a is prevented.

IPC 1-7

H01J 35/10

IPC 8 full level

F16C 33/10 (2006.01); **H01J 35/10** (2006.01)

CPC (source: EP US)

H01J 35/104 (2019.04 - EP US); H01J 2235/106 (2013.01 - EP US); H01J 2235/1066 (2013.01 - EP US)

Citation (search report)

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