

Title (en)

MULTI ANODE-TYPE PHOTOELECTRON INTENSIFIER TUBE AND RADIATION DETECTOR

Title (de)

PHOTOELEKTRONEN-INTENSIVIERUNGSRÖHRE DES MEHRFACH-ANODENTYPS UND STRAHLUNGSDETEKTOR

Title (fr)

TUBE INTENSIFICATEUR DE PHOTOELECTRONS DE TYPE A ANODES MULTIPLES ET DETECTEUR DE RAYONNEMENT

Publication

EP 1638130 B1 20090401 (EN)

Application

EP 03733367 A 20030611

Priority

JP 0307420 W 20030611

Abstract (en)

[origin: WO2004112083A1] A measurement tube (11) integrally comprises along its tube axis a tube head section (17), a funnel-shaped connection section (15), and a tube main body section (13). The size of a cross section substantially perpendicular to the tube axis of the tube head section is larger than the size of a cross section substantially perpendicular to the tube axis of the tube main body section. The curvature radius of each bent corner of the tube head section is smaller than the curvature radius of each bent corner of the tube main body section. The length of the tube head section along its tube axis is shorter than the length of the tube main body section along its tube axis. A photoelectric surface (20) is formed in a region located inside the tube head section on a face on the side to which the tube head section of an incidence face plate (9) is connected. A multi anode-type photoelectron intensifier tube (1) enables effective incidence of light in the photoelectric surface and has high strength.

IPC 8 full level

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