

Title (en)

LAYER ACTING AS A BARRIER AT THE ION BOMBARDMENT IN VACUUM TUBES

Publication

**EP 0188938 B1 19890712 (FR)**

Application

**EP 85402478 A 19851212**

Priority

FR 8419362 A 19841218

Abstract (en)

1. A barrier layer (4) providing protection against ion bombardement, for use in a light picture intensifier tube and deposited between a multiplier micro-channel disk and an extraction layer (3) provided on the surface of the photocathode of the tube for the purpose of extracting photoelectrons, the barrier layer (4) being intended to retain the ions susceptible of ascending into the microchannels, characterized in that said layer is constituted of a stable compound consisting of silicon nitride Si<sub>3</sub>N<sub>4</sub> .

IPC 1-7

**H01J 29/28**; **H01J 29/84**; **H01J 43/24**

IPC 8 full level

**H01J 29/28** (2006.01); **H01J 29/84** (2006.01); **H01J 43/24** (2006.01)

CPC (source: EP US)

**H01J 29/28** (2013.01 - EP US); **H01J 29/84** (2013.01 - EP US); **H01J 43/246** (2013.01 - EP US)

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**EP 0188938 A1 19860730**; **EP 0188938 B1 19890712**; DE 3571530 D1 19890817; FR 2580864 A1 19861024; FR 2580864 B1 19870522; US 4931693 A 19900605

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