

Title (en)
Fluorescent lamp apparatus.

Title (de)
Leuchtstofflampe.

Title (fr)
Lampe fluorescente.

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Application
EP 89111876 A 19890629

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JP 16077488 A 19880630

Abstract (en)
A fluorescent lamp apparatus is disclosed which (15) includes a fluorescent lamp including a discharge tube (16) having a discharge space (17) filled with a gas conducive to light emission and electrodes (20) sealed one at each end of the tube and having a phosphor layer (21) coated on an inner surface (18) of the tube (16) and a high-frequency lighting circuit (30) for supplying a high-frequency electric power with a potential gradient set at over 5 V/cm, in which a light-transmitting electric insulation layer (22) is provided between the phosphor layer (21) and the inner surface (18) of the tube (16). The fluorescent lamp apparatus is of such a type that mercury ions within the discharge space (17) are prevented by the insulating layer from intruding in the wall of the tube (16).

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H01J 61/35 (2006.01); **H01J 61/72** (2006.01); **H01J 65/00** (2006.01)

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Cited by
EP0466138A1; FR2905032A1; CN100403112C; FR2882489A1; EP0518132A3; US5514934A; EP0794555A3; US5796210A; US6201352B1; US8120236B2; US6566810B1; US6316872B1; WO0120642A1; WO9957749A3; WO2006090086A3; WO2008023124A1; WO0017910A1; US7461963B2; USRE44197E; US6515433B1; US8217220B2; US7474044B2; US6211612B1; US7919915B2

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