

Title (en)  
Fluorescent lamp apparatus.

Title (de)  
Leuchtstofflampe.

Title (fr)  
Lampe fluorescente.

Publication  
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Application  
**EP 89111876 A 19890629**

Priority  
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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Cited by  
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