

Title (en)
AIR PURIFYING APPARATUS

Title (de)
LUFTREINIGUNGSAPPARAT

Title (fr)
APPAREIL PURIFICATEUR D'AIR

Publication
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Application
EP 95925153 A 19950711

Priority
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Abstract (en)
[origin: WO9601970A1] An air purifying apparatus which can purify indoor air without using fans and function as a normal illumination apparatus. An air purifying apparatus energized by a supply voltage according to the present invention comprises a housing (10); first voltage generating means for generating a first voltage in response to the supply voltage; at least one lamp (12) which is engaged with the housing and turned on in response to the first voltage from the first voltage generating means; second voltage generating means for generating a second voltage that is high with respect to a reference voltage in response to the supply voltage; and negative ion generating means (30) having an anode (34), a cathode (31), and an inlet which communicates with the exterior. The reference voltage and the second voltage are applied to the anode and the cathode, respectively. The air is allowed to enter into the inlet of the ion generating means for purification in the ion generating means by the action of a convection current formed around the negative ion generating means by heat emitted from at least one lamp.

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