

Title (en)

Control of leachable mercury in fluorescent lamps

Title (de)

Kontrolle von löslichem Quecksilber in Leuchtstoffröhren

Title (fr)

Contrôle du mercure soluble dans lampes fluorescentes

Publication

**EP 1376654 A1 20040102 (EN)**

Application

**EP 03013718 A 20030617**

Priority

- US 17557202 A 20020619
- US 17491202 A 20020619

Abstract (en)

A method for inhibiting mercury from leaching from a mercury vapor discharge lamp wherein at least a part of said mercury is present as ionic mercury comprises including within a lamp a quantity of SnO<sub>2</sub>, said quantity corresponding preferably to a density of about 40 micrograms/liter; and further including within the lamp an amount of oxidizable iron, the amount of iron being at least 1 gram per kilogram of lamp weight.

IPC 1-7

**H01J 61/72**

IPC 8 full level

**H01J 61/72** (2006.01)

CPC (source: EP)

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Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 010, no. 113 (E - 399) 26 April 1986 (1986-04-26)

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