

Title (en)

SILENT DISCHARGE TUBE AND ITS USE METHOD

Title (de)

STILLE ENTLADUNGS-RÖHRE UND ANWENDUNGS-VERFAHREN DERSELBEN

Title (fr)

TUBE A DECHARGE SILENCIEUX ET PROCEDE D'UTILISATION

Publication

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Application

EP 99961407 A 19991227

Priority

- JP 9907323 W 19991227
- JP 37247198 A 19981228

Abstract (en)

The power consumption of a silent discharge lamp having a structure in which an inner tube is disposed in the interior of an outer tube is reduced. In addition, the lifetime is extended. For this purpose, in a silent discharge lamp including: a discharge vessel which has an outer tube and an inner tube, the inner tube being disposed in an interior of the outer tube, and in which a space that is formed by being surrounded by an inner face of the outer tube and an outer face of the inner tube is filled with a discharge gas; an outside electrode provided on an outer face of the outer tube; and an inside electrode provided on an inner face of the inner tube, one of the outside electrode and the inside electrode is provided over all circumference of a tube, and the other one is provided in a part of a tube circumference, thereby allowing discharge to be performed in the part of the tube circumference. The electrode is moved at the end of the lifetime, so that a face in which discharge is not caused is newly used. <IMAGE>

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CPC (source: EP KR)

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Cited by

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