

Title (en)

COLD CATHODE TYPE DISCHARGE LAMP APPARATUS

Publication

**EP 0253316 A3 19900321 (EN)**

Application

**EP 87109938 A 19870709**

Priority

- JP 10859586 U 19860715
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- JP 10859886 U 19860715

Abstract (en)

[origin: EP0253316A2] A cold cathode type discharge lamp apparatus of the invention is composed of a discharge lamp tube, a cathode electrode member in nearly cylindrical form made of a semiconductor porcelain and including an apex made a discharge surface, a sealing support member for sealing and supporting the cathode electrode member within the tube, and a lead wire connected to the cathode electrode member. In such discharge lamp apparatus, since an electron emission material is not used in the cathode electrode but the semiconductor porcelain is used, chemical reaction due to heating is not used, thereby blackening of the light emission tube is prevented and the life becomes long.

IPC 1-7

**H01J 61/06**

IPC 8 full level

**H01J 61/06** (2006.01)

CPC (source: EP KR)

**H01J 1/30** (2013.01 - KR); **H01J 61/06** (2013.01 - EP KR)

Citation (search report)

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**EP 0253316 A2 19880120; EP 0253316 A3 19900321**; KR 880002217 A 19880429; KR 920001844 B1 19920305

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