

Title (en)

TUBULAR DISCHARGE LAMP WITH IGNITION AID

Title (de)

ROHRFÖRMIGE ENTLADUNGSLAMPE MIT ZÜNDHILFE

Title (fr)

LAMPE D CHARGE TUBULAIRE AUXILIAIRE D'ALLUMAGE

Publication

EP 1417700 A2 20040512 (DE)

Application

EP 02753000 A 20020709

Priority

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- DE 10140356 A 20010817

Abstract (en)

[origin: WO03019616A2] A dielectric barrier discharge lamp (1) comprises a tubular discharge chamber (2), a fluorescent layer on at least one part of the inner wall of the discharge chamber (2) and longitudinal electrodes (3). A coating (10) is provided on a partial region of the inner wall at least at one end of the tubular discharge chamber (2), which, in addition, covers one end of at least one longitudinal electrode (3). The material of said coating (10) has a high secondary electron emission coefficient. The ignition behavior of the lamp is thus improved, especially on ignition in darkness.

IPC 1-7

H01J 65/04; H01J 61/35; H01J 61/54

IPC 8 full level

H01J 65/00 (2006.01); **H01J 61/35** (2006.01); **H01J 61/54** (2006.01); **H01J 65/04** (2006.01)

CPC (source: EP KR US)

H01J 61/35 (2013.01 - EP US); **H01J 61/54** (2013.01 - EP US); **H01J 65/04** (2013.01 - KR); **H01J 65/046** (2013.01 - EP US); **H01J 61/025** (2013.01 - EP US)

Citation (search report)

See references of WO 03019616A2

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