

Title (en)

Cold cathode discharge lamp.

Title (de)

Entladungslampe mit Kaltkathode.

Title (fr)

Lampe de décharge à cathode froide.

Publication

EP 0466138 B1 19951129 (EN)

Application

EP 91111508 A 19910710

Priority

JP 18282390 A 19900712

Abstract (en)

[origin: EP0466138A1] A cold cathode discharge lamp includes phosphor films (15) formed on the inner surface of a bulb (1), discharge gas sealed in the bulb and containing at least xenon, and a pair of cold cathode and electrodes (20, 30) provided in the bulb for making the discharge gas cause discharge, and Exo electron emitting layer made of alpha -alumina (18) is installed in the bulb, which emits Exo electrons into the bulb by the stimulus energy equal to or less than the work function in the dark. <IMAGE>

IPC 1-7

H01J 61/78

IPC 8 full level

C03C 17/34 (2006.01); **H01J 61/06** (2006.01); **H01J 61/067** (2006.01); **H01J 61/35** (2006.01); **H01J 61/42** (2006.01); **H01J 61/54** (2006.01); **H01J 61/78** (2006.01)

CPC (source: EP)

H01J 61/0677 (2013.01); **H01J 61/35** (2013.01); **H01J 61/54** (2013.01); **H01J 61/78** (2013.01)

Cited by

US8007123B2; EP0638918A1; US5495143A; EP1259099A3; US7633216B2; WO03052791A1; WO2007064570A3; US7607791B2; US6905224B2

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