

Title (en)

Single-ended short arc lamp of low colour temperature with reduced sodium loss

Title (de)

Einseitig gesockelte Kurzbogenlampe niedriger Farbtemperatur mit verringertem Natriumverlust

Title (fr)

Lampe à arc court à température de couleur basse à culotage d'un seul côté, avec perte de sodium réduite

Publication

EP 2388799 A3 20131218 (EN)

Application

EP 11163623 A 20110426

Priority

IN 997DE2010 A 20100426

Abstract (en)

[origin: EP2388799A2] The present disclosure provides a single ended short arc metal halide lamp without outer jacket comprising an arc tube (101) equipped with a pair of tungsten electrodes (102), wherein the arc tube is filled with sodium-bearing metal halide chemistry and an electrical return lead (108) is contiguously juxtaposed alongside the arc tube. The return lead (108) is completely or partially embedded in a fused glass sleeve (107), thereby interrupting the cycle of sodium loss and leading to low colour temperature of the lamp, which is stable during life.

IPC 8 full level

H01J 61/82 (2006.01); **H01J 5/46** (2006.01); **H01J 61/24** (2006.01); **H01J 61/36** (2006.01)

CPC (source: EP)

H01J 5/46 (2013.01); **H01J 61/24** (2013.01); **H01J 61/368** (2013.01); **H01J 61/827** (2013.01)

Citation (search report)

- [X] US 5032758 A 19910716 - DAVENPORT JOHN M [US], et al
- [X] JP 2000223066 A 20000811 - TOSHIBA LIGHTING & TECHNOLOGY
- [X] US 5130602 A 19920714 - VERWIMP FRANS J D [BE]
- [E] EP 2375439 A2 20111012 - FLOWIL INT LIGHTING [NL]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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