

Title (en)

Metal halide discharge lamp with improved color rendering properties.

Title (de)

Metallhalogenidentladungslampe mit verbesserter Farbwiedergabe.

Title (fr)

Lampe à décharge à halogénures métalliques à rendu de couleurs amélioré.

Publication

EP 0359200 B1 19940622 (EN)

Application

EP 89116864 A 19890912

Priority

US 24337088 A 19880912

Abstract (en)

[origin: EP0359200A2] A low wattage metal halide lamp having improved CRI is disclosed. The low wattage metal halide discharge lamp of the present invention comprises an outer sealed glass envelope; a pair of electrical conductors sealed into and passing through the glass envelope; an arc tube disposed within the outer glass envelope, the arc tube including a pair of spaced electrodes therein with the electrodes being electrically connected to the electrical conductors such that one electrode is electrically connected to one electrical conductor; a chemical fill disposed within the arc tube, the chemical fill comprising mercury, scandium metal, sodium iodide, scandium iodide, lithium iodide, and a starting gas; and a support structure disposed within the outer glass envelope to support the arc tube therein, the support structure (12) being electrically isolated from the electrical circuit of the lamp.

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H01J 61/34; **H01J 61/82**

IPC 8 full level

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CPC (source: EP)

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Cited by

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