

Title (en)

Metal halide lamp and method of making the same.

Title (de)

Metallhalogenidlampe und Verfahren zu ihrer Herstellung.

Title (fr)

Lampe aux halogénures métalliques et son procédé de fabrication.

Publication

EP 0442704 A2 19910821 (EN)

Application

EP 91301128 A 19910212

Priority

JP 3645790 A 19900216

Abstract (en)

A metal halide lamp is made by coating the inner surface of a luminous tube made of quartz glass with hafnium oxide, uranium oxide, hafnium oxide partially stabilized with yttrium oxide or uranium oxide partially stabilized with yttrium oxide by introducing therein a vapour of metal chelate containing hafnium (Hf), uranium (U) or yttrium (Y) and oxygen (O₂), nitrogen suboxide (N₂O) or ozone (O₃) as a reaction gas, and sealing the inside of the luminous tube with a halogenide of alkali metal, mercury and argon.

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IPC 8 full level

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CPC (source: EP)

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Cited by

DE4422778A1; US5500571A; US7115166B2; US7332032B2; US7300870B2; US7943501B2; US7544615B2; US7196007B2; US7122464B2; US8617312B2; US7560393B2; US7678708B2; US7115528B2; US8114219B2; US8394725B2; US7482284B2

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