

Title (en)

Metal halide lamp.

Title (de)

Metallhalogenidlampe.

Title (fr)

Lampe à halogénures métalliques.

Publication

EP 0276514 A1 19880803 (EN)

Application

EP 87202592 A 19871221

Priority

US 94733386 A 19861229

Abstract (en)

The arc tube (12) of a metal halide lamp (10) has electrodes (14) at each end thereof and contains a discharge sustaining fill consisting essentially of a rare gas,mercury,and halides of sodium and scandium, the fill additionally contains thallium halide in the mole ratio of sodium halide to thallium halide of about 280 : 1 to 75 : 1. In accordance with a preferred embodiment,the mole ratio of sodium halide to thallium halide is maintained within a range of about 260 : 1 to 240 : 1.

IPC 1-7

H01J 61/18

IPC 8 full level

H01J 61/20 (2006.01); **H01J 61/12** (2006.01)

CPC (source: EP)

H01J 61/125 (2013.01)

Citation (search report)

- US 3979624 A 19760907 - LIU CHI-SHENG, et al
- PATENT ABSTRACTS OF JAPAN, Unexamined Applications, E Section, Vol. 4, No. 126, September 5, 1980 The Patent Office Japanese Government page 118 E 24 & JP-A-55 080 258 (Mitsubishi Denki)
- PATENT ABSTRACTS OF JAPAN, Unexamined Applications, E Section, Vol. 5, No. 205, December 25, 1981 The Patent Office Japanese Government page 165 E 88 & JP-A-56 126 244 (Tokyo Shibaura Denki)
- PATENT ABSTRACTS OF JAPAN, Unexamined Applications, E Section, Vol. 7, No. 8, January 13, 1983 The Patent Office Japanese Government page 8 E 152 & JP-A-57 165 947 (Mitsubishi Denki)

Cited by

EP0535311A1; US5363007A; US6844676B2; WO03030209A1

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

EP 0276514 A1 19880803; JP S63174258 A 19880718

DOCDB simple family (application)

EP 87202592 A 19871221; JP 33187587 A 19871226