

Title (en)

Long life, warm color metal halide arc discharge lamp.

Title (de)

Langlebende, warmfarbige Metallhalogenid-Bogenentladungslampe.

Title (fr)

Lampe à décharge à arc à durée de vie prolongée contenant un halogénure métallique de couleur chaude.

Publication

EP 0087745 A1 19830907 (EN)

Application

EP 83101743 A 19830223

Priority

US 35313882 A 19820301

Abstract (en)

A warm color, long life metal halide arc discharge lamp employs a phosphor mixture on the interior surface of the outer jacket. The mixture comprises from 40-60% manganese activated magnesium fluorogermanate and 40-60% europium activated yttrium orthovanadate. The color temperature of the lamp is between 3200 - 3300 DEG K and the C.R.I. is 74.9.

IPC 1-7

H01J 61/44

IPC 8 full level

H01J 61/44 (2006.01)

CPC (source: EP)

H01J 61/44 (2013.01)

Citation (search report)

- [A] NL 7920189 A 19801031 - MITSUBISHI ELECTRIC CORP
- [A] JAPANESE PATENTS REPORT, vol. 76, no. 1, week X01, Part I - Chemical, & JP - A - 75 039 629 (HITACHI LTD.) 18-12-1975

Cited by

US7573072B2; US9444005B2

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

EP 0087745 A1 19830907; CA 1207005 A 19860702; JP S58158854 A 19830921

DOCDB simple family (application)

EP 83101743 A 19830223; CA 420345 A 19830127; JP 2963583 A 19830225