

Title (en)

Metal halide lamp

Title (de)

Metallhalogenidlampe

Title (fr)

Lampe à halogénure métallique

Publication

EP 1032021 B1 20040804 (DE)

Application

EP 00100688 A 20000114

Priority

DE 19907301 A 19990222

Abstract (en)

[origin: US6400084B1] A metal halide lamp for general illumination purposes contains as the essential component of the metal halide fill manganese in an amount of from 0.01 to 50 mmol per cm³. It serves as a replacement for sodium at warm white or neutral white luminous colors.

IPC 1-7

H01J 61/12

IPC 8 full level

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

CPC (source: EP US)

H01J 61/12 (2013.01 - EP US)

Cited by

EP2128888A3

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 6400084 B1 20020604; AT E272894 T1 20040815; CA 2298269 A1 20000822; DE 19907301 A1 20000824; DE 50007238 D1 20040909; EP 1032021 A1 20000830; EP 1032021 B1 20040804; HU 0000753 D0 20000428; HU 222455 B1 20030728; HU P0000753 A2 20000928; HU P0000753 A3 20021128; JP 2000243350 A 20000908; JP 4499234 B2 20100707

DOCDB simple family (application)

US 49909900 A 20000204; AT 00100688 T 20000114; CA 2298269 A 20000208; DE 19907301 A 19990222; DE 50007238 T 20000114; EP 00100688 A 20000114; HU P0000753 A 20000221; JP 2000044108 A 20000222