

Title (en)
METAL IODIDE LAMP

Title (de)
METALL IODID LAMPE

Title (fr)
LAMPE A IODURE METALLIQUE

Publication
EP 0582709 B1 19991215 (EN)

Application
EP 93908137 A 19930303

Priority
• NL 9300049 W 19930303
• US 84528592 A 19920303

Abstract (en)
[origin: WO9318541A1] A discharge lamp has a chemical fill in the discharge tube comprising an inert starting gas, mercury, alkali metal iodides, and a sufficient amount of scandium iodide and at least one iodide of a rare earth to increase the concentration of the rare earth in the vapor during lamp operation so as to enhance the color rendering index of the lamp to a value greater than about 80 and result in a color temperature between about 3000 to about 5000 degrees Kelvin.

IPC 1-7
H01J 61/12

IPC 8 full level
H01J 61/12 (2006.01)

CPC (source: EP)
H01J 61/125 (2013.01)

Designated contracting state (EPC)
BE DE FR GB NL

DOCDB simple family (publication)
WO 9318541 A1 19930916; CA 2090360 A1 19930904; DE 69327275 D1 20000120; DE 69327275 T2 20000531; EP 0582709 A1 19940216; EP 0582709 B1 19991215

DOCDB simple family (application)
NL 9300049 W 19930303; CA 2090360 A 19930225; DE 69327275 T 19930303; EP 93908137 A 19930303