

Title (en)
Electrodeless lamp bulb.

Title (de)
Elektrodenlose Lampe.

Title (fr)
Lampe sans électrode.

Publication
EP 0603014 A1 19940622 (EN)

Application
EP 93310312 A 19931220

Priority
US 99333492 A 19921218

Abstract (en)
A lamp bulb for an electrodeless lamp comprising a sealed envelope (3) containing a fill material (4) for supporting a gas discharge, said fill material comprising an inert starting gas, mercury, and alkali metal iodides, characterised in that the alkali metal iodides consist substantially of sodium iodide and lithium iodide, and in that the fill further comprises at least one iodide of a rare earth and scandium iodide. Preferably the lamp bulb will have a colour rendering index, Ra, of a value greater than about 80 and result in a colour temperature between about 3000 to about 5000 degrees Kelvin.
<IMAGE>

IPC 1-7
H01J 61/12; **H01J 65/04**

IPC 8 full level
H01J 61/12 (2006.01); **H01J 65/04** (2006.01)

CPC (source: EP)
H01J 61/125 (2013.01); **H01J 65/04** (2013.01)

Citation (search report)
• [DY] GB 2030762 A 19800410 - GTE LABORATORIES INC
• [PY] WO 9318541 A1 19930916 - FLOWIL INT LIGHTING [NL]
• [A] US 271911 A 18830206
• [A] US 3979624 A 19760907 - LIU CHI-SHENG, et al
• [A] PATENT ABSTRACTS OF JAPAN vol. 3, no. 126 (M - 77) 20 October 1979 (1979-10-20)

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EP0790639A1; EP1353359A3; US8227993B2; WO03071581A1; WO2010044020A3; WO2006129102A3

Designated contracting state (EPC)
BE DE FR GB NL

DOCDB simple family (publication)
EP 0603014 A1 19940622; **EP 0603014 B1 19990616**; CA 2111426 A1 19940619; DE 69325349 D1 19990722; DE 69325349 T2 20000224

DOCDB simple family (application)
EP 93310312 A 19931220; CA 2111426 A 19931214; DE 69325349 T 19931220