

Title (en)
Discharge lamp arc tubes.

Title (de)
Luftladungslampe-Bogenröhre.

Title (fr)
Tubes à arc pour lampes à décharge.

Publication
EP 0583113 A1 19940216 (EN)

Application
EP 93306013 A 19930729

Priority
US 92181892 A 19920729

Abstract (en)
A discharge lamp arc tube (1) disposed within an outer envelope (11) of a discharge lamp has a chemical fill comprising an inert starting gas, mercury, sodium iodide, lithium iodide and scandium iodide, and is characterised in that the chemical fill also includes thallium, preferably introduced as an amalgam with the mercury, in an amount whereby the colour coordinates (x,y) lie substantially on the black body curve of a CIE standard chromaticity diagram. <IMAGE>

IPC 1-7
H01J 61/12

IPC 8 full level
H01J 61/12 (2006.01)

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

Citation (search report)

- [X] EP 0128550 A1 19841219 - GTE PROD CORP [US]
- [YD] EP 0359200 A2 19900321 - GTE PROD CORP [US]
- [XP] US 5225738 A 19930706 - RAMAIAH RAGHU [US], et al
- [Y] PATENT ABSTRACTS OF JAPAN vol. 10, no. 186 (E-416)28 June 1986 & JP-A-61 032 949 (HITACHI LTD)
- [Y] DATABASE WPI Section Ch, Week 1282, 1982 Derwent Publications Ltd., London, GB; Class L, AN 82-22529E & JP-A-56 126 244 (TOKYO SHIBAURA ELEC LTD) 3 October 1981
- [A] PATENT ABSTRACTS OF JAPAN vol. 8, no. 167 (E-258)(1604) 2 August 1984 & JP-A-59 063 653 (TOSHIBA K.K.) 11 April 1984

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US7348730B2; EP1709667B1

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