

Publication

**EP 0837492 A3 19980527**

Application

**EP 97115546 A 19970908**

Priority

US 73095296 A 19961016

Abstract (en)

[origin: EP0837492A2] A high intensity arc discharge lamp comprises an outer light transmissive envelope having a light transmissive arc discharge tube positioned therewithin. The arc discharge tube has electrodes at opposite ends thereof and means are provided for electrical connection to the electrodes. An arc generating and sustaining medium is provided within the arc tube, the medium comprising a substantial amount of mercury, at least the iodides of sodium, scandium and lithium, and xenon at a fill pressure at room temperature of between about 130 millibar to about 260 millibar. <IMAGE>

IPC 1-7

**H01J 61/18**; **H01J 61/82**

IPC 8 full level

**H01J 61/18** (2006.01); **H01J 61/82** (2006.01)

CPC (source: EP)

**H01J 61/18** (2013.01); **H01J 61/822** (2013.01)

Citation (search report)

- [X] EP 0110248 A2 19840613 - GEN ELECTRIC [US]
- [XA] FR 2627627 A1 19890825 - GEN ELECTRIC [US]
- [XA] DE 3904927 A1 19890831 - GEN ELECTRIC [US]
- [XA] FR 2147094 A1 19730309 - HOLOBEAM
- [X] US 4179640 A 19791218 - LARSON DANIEL A [US], et al
- [A] EP 0081918 A2 19830622 - EMI PLC THORN [GB]
- [A] EP 0078105 A2 19830504 - EMI PLC THORN [GB]
- [DA] EP 0183247 A2 19860604 - GEN ELECTRIC [US]

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 0837492 A2 19980422**; **EP 0837492 A3 19980527**; CA 2215088 A1 19980416

DOCDB simple family (application)

**EP 97115546 A 19970908**; CA 2215088 A 19970911