

Title (en)

High intensity discharge lamp with intermediate pressure xenon fill gas

Title (de)

Entladungslampe hoher Intensität mit einer Xenon enthaltende Füllung unter mittlerem Druck

Title (fr)

Lampe à décharge de haute intensité avec un remplissage de xénon sous une pression intermédiaire

Publication

**EP 0837492 A2 19980422 (EN)**

Application

**EP 97115546 A 19970908**

Priority

US 73095296 A 19961016

Abstract (en)

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)

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