

Title (en)

Low-pressure arc discharge lamp having increased surface brightness.

Title (de)

Niederdruckbogenentladungslampe mit erhöhter Oberflächenhelligkeit.

Title (fr)

Lampe à arc à décharge à basse pression à luminosité de surface élevée.

Publication

**EP 0296535 A2 19881228 (EN)**

Application

**EP 88109861 A 19880621**

Priority

US 6497887 A 19870622

Abstract (en)

An arc discharge lamp having a sealed envelope including a major body portion and at least one minor transverse end portion. A phosphor layer within the sealed envelope subtends the major body portion of the envelope. The surface brightness of the phosphor layer as viewed through the minor transverse end portion of the envelope is greater than the intensity of the external surface brightness of the phosphor layer on the major body portion of the envelope during operation of the lamp. A lamp array for use as an element in a picture display is also disclosed including a plurality of sealed envelopes. In the case of a color presentation of information, one picture element is composed of three sealed envelopes phosphor coated with the primary colors red, green and blue.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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