

Title (en)

Improvements in or relating to high pressure sodium lamps.

Title (de)

Hochdrucknatriumlampen.

Title (fr)

Lampe à sodium à haute pression.

Publication

**EP 0078105 A2 19830504 (EN)**

Application

**EP 82304926 A 19820917**

Priority

GB 8132443 A 19811028

Abstract (en)

The invention provides an improved high pressure sodium lamp of nominally 70 watt rating operating at a lamp voltage V of substantially 70 - 130 volts in which for satisfactory life, efficacy and colour, for an arc tube of internal diameter d in the range 3.0 to 5.0mm, the sodium mole fraction x, in the range 0.63 - 0.8, and arc length l are determined by interpolation or extrapolation on the graph of Figure 3 or by the equation  $l = 4d + 11.76x + 0.25V - 16.4$

IPC 1-7

**H01J 61/82**

IPC 8 full level

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CPC (source: EP)

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Cited by

EP0081918A3; EP0837492A3

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DE FR GB NL

DOCDB simple family (publication)

**EP 0078105 A2 19830504**; **EP 0078105 A3 19831116**; JP S5880261 A 19830514

DOCDB simple family (application)

**EP 82304926 A 19820917**; JP 17469782 A 19821006