

Title (en)

Arc tube for a high pressure discharge lamp.

Title (de)

Bogen entladungsröhre für eine Hochdruck-Entladungslampe.

Title (fr)

Tube à arc pour lampe à décharge à haute pression.

Publication

**EP 0403211 A2 19901219 (EN)**

Application

**EP 90306357 A 19900611**

Priority

GB 8913798 A 19890615

Abstract (en)

An arc tube (12, 46, 48), provided for a high pressure discharge lamp, includes a discharge chamber (24) containing a fill. Electrical conductors (26, 28) extend into the discharge chamber (24) to form electrodes (32, 34). The electrical conductors (26, 28) are sealed in the arc tube (12, 46, 48) by a single pinch seal portion (30). At the interface (44) of the discharge chamber (24) and the pinch seal portion (30), the discharge chamber has at least in part a non-concave outline. This outline may be rectilinear or convex.

IPC 1-7

**H01J 61/30**; **H01J 61/82**

IPC 8 full level

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