

Title (en)

HIGH PRESSURE ARC LAMP WITH INTERNAL REFLECTOR AND APPLICATIONS THEREFOR

Title (de)

HOCHDRUCKBOGENLAMPE MIT EINGEBAUTEM REFLEKTOR UND DEREN ANWENDUNGEN

Title (fr)

LAMPE A ARC HAUTE PRESSION EQUIPEE D'UN REFLECTEUR INTERNE ET APPLICATIONS EN DECOULANT

Publication

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Application

**EP 98901191 A 19980109**

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Abstract (en)

[origin: WO9831043A2] A high pressure, short arc lamp with an internal reflector and capable of much higher operating pressures and temperatures than existing compact, short arc lamps is provided using an all metal enclosure. The arc lamp can safely contain gas fill pressures of 200 psig and provides greatly improved heat transfer capabilities as compared with prior art arc lamps to permit operation at high power levels. In a preferred embodiment, the arc lamp is filled with 200 psig of argon gas and is used in improved methods of curing photocurable composites and resins and tooth whitening procedures.

IPC 1-7

**H01J 61/86**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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