

Title (en)
High pressure discharge lamp

Title (de)
Hochdruckentladungslampe

Title (fr)
Lampe à décharge haute pression

Publication
EP 0764970 A2 19970326 (DE)

Application
EP 96113577 A 19960823

Priority
DE 19535338 A 19950922

Abstract (en)
A high pressure metal halogen discharge lamp has a ceramic discharge chamber (4) whose ends (6) enclose the tubular conduits (9,10) of molybdenum or similar metal sealed by the insulating ceramic plugs (11) which are sintered in position and have closely matched expansion characteristics to the chamber (4) and conduits (9,10). The effectiveness of the sealing plug (11) is subject to thermal change however and the effects of such changes are minimised by attaching one or more discs (15) to the conduits (9,10). The patent illustrates several possible designs of disc which are located at right angles to the conduit axes.

Abstract (de)
Eine Metallhalogenidlampe mit keramischem Entladungsgefäß (4) besitzt eine rohrförmige Durchführung (10), die direkt im Endstopfen (11) eingesintert ist. Die Dichtigkeit wird durch eine quer zur Rohrachse verlaufende Ausstülpung, insbesondere eine Scheibe (15), verbessert. <IMAGE>

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H01J 61/36

IPC 8 full level
H01J 61/36 (2006.01)

CPC (source: EP)
H01J 61/366 (2013.01); **H01J 61/363** (2013.01); **H01J 61/827** (2013.01)

Cited by
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