

Title (en)

Metal halide lamp with ceramic discharge vessel

Title (de)

Hochdruckentladungslampe mit keramischem Entladungsgefäß

Title (fr)

Lampe à halogénure métallique avec enveloppe céramique

Publication

EP 0887839 A2 19981230 (DE)

Application

EP 98110522 A 19980609

Priority

DE 19727429 A 19970627

Abstract (en)

The gas discharge lamp has a ceramics gas discharge envelope (25) with 2 opposite ends fitted with seals through which respective conductor leads (9,10) are fitted for supporting the gas discharge electrodes. The conductor lead at at least one end of the gas discharge envelope is provided by a cermet pin with a metal content high enough for it to be welded, with direct sintering to the end seal without use of a glass solder.

Abstract (de)

Zumindest bei einem Ende der Metallhalogenidlampe mit keramischem Entladungsgefäß (25) ist die Durchführung ein Cermet-Bauteil (9) (Stift oder Kapillarrohr), dessen Metallgehalt so hoch ist, daß es wie ein Metall verschweißbar ist. Die Befestigung der Durchführung (9) und des Stopfens (26) erfolgt ohne Glaslot durch Direkteinsinterung. <IMAGE>

IPC 1-7

H01J 61/36; **H01J 61/82**

IPC 8 full level

H01J 61/36 (2006.01); **H01J 61/82** (2006.01); **H01J 61/34** (2006.01)

CPC (source: EP US)

H01J 61/366 (2013.01 - EP US); **H01J 61/363** (2013.01 - EP US); **H01J 61/827** (2013.01 - EP US)

Cited by

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