

Title (en)
Low pressure discharge lamp

Title (de)
Niederdruckentladungslampe

Title (fr)
Lampe à décharge à basse pression

Publication
EP 0718869 B1 19990224 (DE)

Application
EP 95119041 A 19951204

Priority
DE 4445532 A 19941220

Abstract (en)
[origin: EP0718869A1] The lamp has a discharge envelope (1') containing a starting amalgam and at least two electrodes with an electrode coil (5) provided with current leads (3',4') at either end, sealed in a glass body (6'). The starting amalgam is provided by a metal plate or grid acting as a carrier (7'), coated with an indium amalgam and partially embedded in the glass body. Pref. the glass body is provided by a glass bead or a glass rod, providing a gas-tight seal of the end of the discharge envelope, in which the carrier is embedded before it is fully hardened.

IPC 1-7
H01J 61/24; **H01J 61/54**

IPC 8 full level
H01J 61/28 (2006.01); **H01J 61/24** (2006.01); **H01J 61/54** (2006.01)

CPC (source: EP KR US)
H01J 61/067 (2013.01 - KR); **H01J 61/24** (2013.01 - EP US); **H01J 61/54** (2013.01 - EP US)

Cited by
US7952286B2; WO2008052895A3

Designated contracting state (EPC)
BE DE FR GB IT NL

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EP 0718869 A1 19960626; **EP 0718869 B1 19990224**; CA 2162339 A1 19960621; CN 1132926 A 19961009; DE 4445532 A1 19960627; DE 59505144 D1 19990401; HU 216848 B 19990928; HU 9503651 D0 19960228; HU T73123 A 19960628; JP H08236073 A 19960913; KR 960026060 A 19960720; US 5686788 A 19971111

DOCDB simple family (application)
EP 95119041 A 19951204; CA 2162339 A 19951107; CN 95121195 A 19951220; DE 4445532 A 19941220; DE 59505144 T 19951204; HU 9503651 A 19951219; JP 34840595 A 19951218; KR 19950052445 A 19951220; US 54773795 A 19951026