

Title (en)  
ELECTRODE SYSTEM PROVIDED WITH A NOVEL CONNECTION, ASSOCIATED LAMP COMPRISING SAID FILM AND METHOD FOR THE PRODUCTION OF SAID CONNECTION

Title (de)  
ELEKTRODENSYSYSTEM MIT NEUARTIGER STIFT-FOLIEN-VERBINDUNG, ZUGEHÖRIGE LAMPE MIT DIESER VERBINDUNG UND VERFAHREN ZUR HERSTELLUNG DER VERBINDUNG

Title (fr)  
SYSTEME D'ELECTRODE POURVU D'UN NOUVEAU TYPE DE LIAISON, LAMPE ASSOCIEE COMPRENANT UN TEL SYSTEME ET PROCEDE DE PRODUCTION DE LADITE LIAISON

Publication  
**EP 1652211 A2 20060503 (DE)**

Application  
**EP 04762412 A 20040719**

Priority  
• DE 2004001561 W 20040719  
• DE 10336087 A 20030806

Abstract (en)  
[origin: WO2005015600A2] The invention relates to an electrode system for the construction of a lamp. Said system comprises a Mo-film (4) which is connected to a pin-shaped associated piece (2), and the film (4) and/or the pin-shaped associated piece (2) is coated with ruthenium (5, 8). The pin is flattened (3) at the end. A point-shaped fusion welding connection (6) is produced during a contactless welding step, said connection being surrounded by an annular-shaped high temperature solder (7). Said type of connection is not brittle.

IPC 1-7  
**H01J 61/36**

IPC 8 full level  
**H01J 5/38** (2006.01); **H01J 9/28** (2006.01); **H01J 9/32** (2006.01); **H01J 61/36** (2006.01); **H01K 1/38** (2006.01); **H01K 1/40** (2006.01)

CPC (source: EP US)  
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Citation (search report)  
See references of WO 2005015600A2

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