

Title (en)  
ELECTRODE-LESS HIGH-PRESSURE DISCHARGE LAMP

Title (de)  
ELEKTRODENLOSE HOCHDRUCKENTLADUNGSLAMPE

Title (fr)  
LAMPE A DECHARGE SOUS HAUTE PRESSION SANS ELECTRODE

Publication  
**EP 0704104 A1 19960403 (EN)**

Application  
**EP 95913295 A 19950406**

Priority

- EP 95913295 A 19950406
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- IB 9500241 W 19950406

Abstract (en)  
[origin: WO9528734A1] The electrode-less high pressure discharge lamp has a lamp vessel (1) which is surrounded by an electric coil (2). The coil (2) has a first and a second outer turn (3, 4) and a third turn (9) in between. The outer turns are thermally coupled to a heat-sink (10), at least one of them in an electrically insulated manner. Also the third turn (9) is coupled to a heat-sink (13), as the case may be in an electrically conductive manner and at earth-potential. An improved cooling of the coil is obtained.

IPC 1-7  
**H01J 65/04**; **H01J 61/52**

IPC 8 full level  
**H01J 61/52** (2006.01); **H01J 61/82** (2006.01); **H01J 65/04** (2006.01)

CPC (source: EP)  
**H01J 61/523** (2013.01); **H01J 61/827** (2013.01); **H01J 65/048** (2013.01)

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See references of WO 9528734A1

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