

Title (en)  
STARTER AUXILIARY ELECTRODE STARTING DEVICE WITH AN ARC GAP

Title (de)  
ZÜNDHILFSELEKTRODEZÜNDVORRICHTUNG MIT FUNKENSTRECKE

Title (fr)  
DISPOSITIF D'ALLUMAGE D'ELECTRODE AUXILIAIRE D'ALLUMAGE A ECLATEUR

Publication  
**EP 1869952 A1 20071226 (DE)**

Application  
**EP 06722789 A 20060412**

Priority  

- DE 2006000657 W 20060412
- EP 05008228 A 20050414
- DE 102005023798 A 20050519
- EP 06722789 A 20060412

Abstract (en)  
[origin: WO2006108407A1] The invention relates to a device for operating or starting a high-pressure discharge lamp (18), provided with an auxiliary starting electrode (181), whereby the device comprises a voltage-dependent switch means (16), for providing the starting voltage for the high-pressure discharge lamp (18) to the auxiliary starting electrode (181) and the switch threshold voltage of the voltage-dependent switch means (16) is greater than or the same as the starting voltage of the high-pressure discharge lamp (18).  
[origin: WO2006108407A1] The device has a voltage-dependent switching arrangement (16) for applying the ignition voltage for the high pressure discharge lamp (18) to the auxiliary ignition electrode (181). The switching threshold voltage of the voltage-dependent switching arrangement is greater than or equal to the ignition voltage of the high pressure discharge lamp. Independent claims are also included for the following: (A) a lamp socket for a high pressure discharge lamp (B) a lighting system (C) and a method of operating a high pressure discharge lamp.

IPC 8 full level  
**H05B 41/00** (2006.01)

CPC (source: EP US)  
**H05B 41/2881** (2013.01 - EP US); **Y02B 20/00** (2013.01 - EP US)

Citation (search report)  
See references of WO 2006108407A1

Designated contracting state (EPC)  
DE FR GB HU IT

DOCDB simple family (publication)  
**WO 2006108407 A1 20061019**; CA 2604456 A1 20061019; EP 1869952 A1 20071226; JP 2008537289 A 20080911;  
US 2009085491 A1 20090402

DOCDB simple family (application)  
**DE 2006000657 W 20060412**; CA 2604456 A 20060412; EP 06722789 A 20060412; JP 2008505733 A 20060412; US 91848306 A 20060412