

Title (en)

CIRCUIT ARRANGEMENT FOR OPERATING HIGH PRESSURE DISCHARGE LAMPS AND OPERATING METHOD FOR A HIGH PRESSURE DISCHARGE LAMP

Title (de)

SCHALTUNGSAANORDNUNG ZUM BETRIEB VON HOCHDRUCKENTLADUNGSLAMPEN UND BETRIEBSVERFAHREN FÜR EINE HOCHDRUCKENTLADUNGSLAMPE

Title (fr)

MONTAGE ET PROCEDE POUR FAIRE FONCTIONNER DES LAMPES A DECHARGE HAUTE PRESSION

Publication

EP 1741320 B1 20081119 (DE)

Application

EP 05742608 A 20050414

Priority

- DE 2005000685 W 20050414
- DE 102004020499 A 20040426

Abstract (en)

[origin: WO2005104632A1] The invention relates to a circuit arrangement for operating high pressure discharge lamps and corresponding operating method, whereby the input voltage for the pulsed trigger device is increased by means of a series resonance loop (L3, C4), of a cascade circuit, or a symmetrical voltage doubling circuit.

IPC 8 full level

H05B 41/288 (2006.01); **H05B 41/282** (2006.01)

CPC (source: EP US)

H05B 41/2821 (2013.01 - EP US); **H05B 41/2822** (2013.01 - EP US); **H05B 41/2881** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005104632 A1 20051103; AT E415075 T1 20081215; CN 1947473 A 20070411; DE 102004020499 A1 20051110;
DE 502005006006 D1 20090102; EP 1741320 A1 20070110; EP 1741320 B1 20081119; ES 2317233 T3 20090416; JP 2007535101 A 20071129;
US 2007228997 A1 20071004; US 7656099 B2 20100202

DOCDB simple family (application)

DE 2005000685 W 20050414; AT 05742608 T 20050414; CN 200580013168 A 20050414; DE 102004020499 A 20040426;
DE 502005006006 T 20050414; EP 05742608 A 20050414; ES 05742608 T 20050414; JP 2007509866 A 20050414; US 59487505 A 20050414