

Title (en)

Switchg system and method for igniting a discharge lamp

Title (de)

Schaltungsanordnung und Verfahren zum Zünden einer Entladungslampe

Title (fr)

Dispositif de commutation et procédé d'allumage d'une lampe à décharge

Publication

EP 2282614 B1 20140604 (DE)

Application

EP 10166293 A 20100617

Priority

DE 102009032985 A 20090714

Abstract (en)

[origin: EP2282614A2] The circuit arrangement comprises a primary circuit, where a series circuit of an inductance, an ignition capacitor (C1) and a switch is configured. The primary circuit has two decoupled voltages (U1,U2), where one voltage is correlated with the energy of the ignition pulses. The other voltage controls the shift timing of the switch. An independent claim is also included for a method for igniting a discharge lamp.

IPC 8 full level

H05B 41/04 (2006.01); **H05B 41/288** (2006.01)

CPC (source: EP US)

H05B 41/04 (2013.01 - EP US); **H05B 41/2881** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2282614 A2 20110209; **EP 2282614 A3 20130410**; **EP 2282614 B1 20140604**; CN 101959354 A 20110126; CN 101959354 B 20150909; DE 102009032985 A1 20110120; JP 2011023352 A 20110203; KR 20110006628 A 20110120; US 2011037398 A1 20110217

DOCDB simple family (application)

EP 10166293 A 20100617; CN 201010231253 A 20100714; DE 102009032985 A 20090714; JP 2010159769 A 20100714; KR 20100067329 A 20100713; US 83643110 A 20100714