

Title (en)

METHOD FOR STARTING A HIGH-PRESSURE DISCHARGE LAMP

Title (de)

VERFAHREN ZUM ZÜNDEN EINER HOCHDRUCKENTLADUNGSLAMPE

Title (fr)

PROCÉDÉ D'ALLUMAGE D'UNE LAMPE À DÉCHARGE SOUS HAUTE PRESSION

Publication

**EP 2524580 A2 20121121 (DE)**

Application

**EP 10763640 A 20100922**

Priority

EP 2010063954 W 20100922

Abstract (en)

[origin: WO2012037973A2] The invention relates to a method for starting a high-pressure discharge lamp by means of a starter having a starting capacitor, a starting switch and a starting transformer, said method comprising the following temporally successive steps: - charging the starting capacitor to a predetermined voltage, - closing the starting switch, - opening the starting switch before the current through the starting switch, in terms of the fundamental of said current, reaches zero for the first time. The starting switch is actively switched off in the process under current, which results in a high starting voltage.

IPC 8 full level

**H05B 41/288** (2006.01)

CPC (source: EP KR US)

**H05B 41/04** (2013.01 - US); **H05B 41/18** (2013.01 - KR); **H05B 41/24** (2013.01 - KR); **H05B 41/288** (2013.01 - KR); **H05B 41/2881** (2013.01 - EP US); **Y02B 20/00** (2013.01 - EP US)

Citation (search report)

See references of WO 2012037973A2

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)

**WO 2012037973 A2 20120329**; **WO 2012037973 A3 20120524**; CN 103120026 A 20130522; CN 103120026 B 20150826; EP 2524580 A2 20121121; JP 2013537354 A 20130930; KR 20130138215 A 20131218; US 2014167635 A1 20140619

DOCDB simple family (application)

**EP 2010063954 W 20100922**; CN 201080069247 A 20100922; EP 10763640 A 20100922; JP 2013528524 A 20100922; KR 20137007187 A 20100922; US 201013825710 A 20100922