

Title (en)

Process and circuit for starting fluorescent lamps at a given temperature of the preheating electrodes

Title (de)

Verfahren und Schaltungsanordnung zum Zünden von Leuchtstofflampen bei vorbestimmter Temperatur der Lampenkathoden

Title (fr)

Procédé et circuit d'amorçage de lampes fluorescentes lorsque les électrodes de préchauffage ont atteint une température donnée

Publication

EP 0594880 B1 19980128 (DE)

Application

EP 92118404 A 19921028

Priority

EP 92118404 A 19921028

Abstract (en)

[origin: EP0594880A1] For determining the effective cathode temperature of a lamp during the preheating phase, the resistance of the lamp cathode is measured. The lamp is started only when the temperature has reached for example 600°C. As a result, the service life of lamps can be increased considerably.

IPC 1-7

H05B 41/29; **H05B 41/04**

IPC 8 full level

H05B 41/04 (2006.01); **H05B 41/295** (2006.01)

CPC (source: EP US)

H05B 41/046 (2013.01 - EP US); **H05B 41/295** (2013.01 - EP US)

Cited by

US5656891A; CN1316856C; EP1945008A1; EP1841294A3; EP0759686A3; AT406627B; EP0845928A1; US5939836A; EP0889675A1; US6081077A; DE19501695B4; DE19956391A1; EP1672963A3; EP0930808A3; EP0707438A2; US8134297B2; WO2006106446A3; WO2007025983A1; WO9711584A1; WO2007025976A1; WO9510168A1; WO0072641A1; WO9934648A1

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0594880 A1 19940504; **EP 0594880 B1 19980128**; AT E162922 T1 19980215; DE 59209173 D1 19980305; US 5455486 A 19951003

DOCDB simple family (application)

EP 92118404 A 19921028; AT 92118404 T 19921028; DE 59209173 T 19921028; US 14152493 A 19931027