

Title (en)
Electronic starter for a fluorescent lamp

Title (de)
Elektronische Startschaltung für eine Leuchtstofflampe

Title (fr)
Starter électronique pour lampe fluorescente

Publication
EP 0710052 B1 19970528 (FR)

Application
EP 95402406 A 19951026

Priority
FR 9413009 A 19941028

Abstract (en)
[origin: EP0710052A1] The starter includes the electronic switch in parallel with the lamp fed at high voltage, the grid control circuit (5) for the power switch (3), having a measuring circuit for a set pre-heating time, and an auxiliary supply circuit (AUX) in parallel with the switch (3). The auxiliary circuit (AUX) includes a capacitor (C), which supplies a logic voltage (Vdd) to the control circuit (5) from a terminal (c1) of the capacitor. The pre-heating time measuring circuit includes a comparator. The comparator compares the voltage on the terminal (c1) to a first reference voltage, so as to deliver a detection signal at the start of pre-heating to control the closing of the switch (3) and to a second reference voltage, so as to deliver a preheating end signal to control opening of the switch (3).

IPC 1-7
H05B 41/04

IPC 8 full level
H05B 41/04 (2006.01); **H05B 41/18** (2006.01)

CPC (source: EP US)
H05B 41/046 (2013.01 - EP US)

Cited by
FR2771588A1; CN107733004A; GB2316245A; GB2316245B; DE19734298B4; WO9817081A3

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0710052 A1 19960501; EP 0710052 B1 19970528; DE 69500324 D1 19970703; DE 69500324 T2 19970918; FR 2726426 A1 19960503; FR 2726426 B1 19961129; JP 2951578 B2 19990920; JP H08213175 A 19960820; US 5616992 A 19970401

DOCDB simple family (application)
EP 95402406 A 19951026; DE 69500324 T 19951026; FR 9413009 A 19941028; JP 30503895 A 19951030; US 55122695 A 19951030