

Title (en)
CIRCUIT FOR SUPPLYING AN ELECTRICAL LOAD, ESPECIALLY FOR DISCHARGE LAMP

Publication
EP 0032089 B1 19841128 (FR)

Application
EP 80401830 A 19801219

Priority
FR 7931108 A 19791219

Abstract (en)
[origin: US4388565A] A control device for a discharge lamp, comprising an electronic switch connected between an AC supply source and a loading circuit including the discharge lamp to be controlled, and a control circuit delivering pulses to a control electrode of the switch so as to control the state of conduction thereof; the control circuit comprises means for detecting the passages through zero of the voltage at the terminals of the loading circuit and generating means responsive to the detecting means for generating pulses controlling the passage of the switch to the non-conductive state, whereby non-conduction periods of the switch are controlled for an adjustable duration in response to the passages through zero of the voltage at the terminals of the loading circuit.

IPC 1-7
H05B 41/392

IPC 8 full level
H05B 41/16 (2006.01); **H05B 41/392** (2006.01)

CPC (source: EP US)
H05B 41/392 (2013.01 - EP US); **Y10S 315/04** (2013.01 - EP US); **Y10S 315/07** (2013.01 - EP US)

Citation (examination)
DE 2453253 A1 19760429 - BBC BROWN BOVERI & CIE

Designated contracting state (EPC)
AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0032089 A2 19810715; EP 0032089 A3 19810722; EP 0032089 B1 19841128; AR 227902 A1 19821230; AT E10565 T1 19841215; BR 8008301 A 19810707; DE 3069727 D1 19850110; FR 2476410 A1 19810821; FR 2476410 B1 19830708; JP S5693299 A 19810728; US 4388565 A 19830614

DOCDB simple family (application)
EP 80401830 A 19801219; AR 28370780 A 19801218; AT 80401830 T 19801219; BR 8008301 A 19801218; DE 3069727 T 19801219; FR 7931108 A 19791219; JP 17733580 A 19801217; US 21786880 A 19801218