

Title (en)
POWER CIRCUIT

Publication
EP 0361665 A3 19900530 (EN)

Application
EP 89308322 A 19890816

Priority
GB 8822781 A 19880928

Abstract (en)
[origin: EP0361665A2] A power circuit for a low pressure sodium lamp utilises a high frequency oscillator which delivers a constant current to the lamp and which has a frequency of oscillation which is largely independent of variations in the impedance of the lamp. Sodium lamps have negative temperature-resistance coefficient, and the effect of the circuit is to counteract any tendency for the current taken by the lamp to increase as it heats up during operation. An additional inductance is provided between the oscillator itself and the lamp acts to stabilise the frequency of oscillation and hold constant the current delivered to the lamp.

IPC 1-7
H05B 41/29

IPC 8 full level
H05B 41/292 (2006.01)

CPC (source: EP)
H05B 41/2925 (2013.01)

Citation (search report)

- [A] GB 2178607 A 19870211 - MATSUSHITA ELECTRIC WORKS LTD
- [A] US 4608523 A 19860826 - NILSEN OLE K [US]
- [A] US 4358712 A 19821109 - FILGAS JR LUDOVIC S, et al
- [A] US 4554487 A 19851119 - NILSEN OLE K [US]
- [A] GB 2057795 A 19810401 - ELECO LTD

Cited by
EP0435228A3; DE4015400A1

Designated contracting state (EPC)
DE NL

DOCDB simple family (publication)
EP 0361665 A2 19900404; EP 0361665 A3 19900530; GB 2223367 A 19900404; GB 8822781 D0 19881102; GB 8918671 D0 19890927

DOCDB simple family (application)
EP 89308322 A 19890816; GB 8822781 A 19880928; GB 8918671 A 19890816