

Title (en)
POWER SUPPLY CIRCUIT FOR AN ELECTRIC DISCHARGE LAMP

Publication
EP 0323992 B1 19920422 (DE)

Application
EP 88905835 A 19880720

Priority
DE 3723971 A 19870720

Abstract (en)
[origin: WO8900804A1] A power supply circuit for an electric discharge lamp driven by an A.C. power supply has a regulating transformer connected in parallel with a current limiting reactor and an electric discharge lamp interconnected in series. The tap of the regulating transformer is connected by a condenser and an auxiliary reactance interconnected in series to the connection between the current limiting reactor and the electric discharge lamp. By adjusting the tap of the regulating transformer the performance of the lamp can be influenced within a wide range. In place of the regulating transformer an electronic phase shifter may also be used, which is particularly advantageous when regulating speeds are required that cannot be achieved by means of an electromechanically adjustable regulating transformer.

IPC 1-7
H05B 41/391

IPC 8 full level
H05B 41/391 (2006.01)

CPC (source: EP US)
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Cited by
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DOCDB simple family (publication)
WO 8900804 A1 19890126; AT E75363 T1 19920515; DE 3723971 A1 19890202; DE 3870432 D1 19920527; EP 0323992 A1 19890719; EP 0323992 B1 19920422; JP H02500147 A 19900118; US 5015922 A 19910514

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EP 8800652 W 19880720; AT 88905835 T 19880720; DE 3723971 A 19870720; DE 3870432 T 19880720; EP 88905835 A 19880720; JP 50600188 A 19880720; US 33228089 A 19890309