

Title (en)
A dimmer and dimming lighting system

Title (de)
Dimmer und Beleuchtungssystem zum Dimmen

Title (fr)
Gradateur et dispositif d' éclairage variateur d'intensité

Publication
EP 1045623 A3 20020206 (EN)

Application
EP 00302926 A 20000406

Priority
IL 12940599 A 19990413

Abstract (en)
[origin: EP1045623A2] The invention provides a dimmable lighting system fed from a mains and connectable to at least one ballast and to at least one discharge lamp, the system including at least one switching component operable to connect the mains voltage to the lamp's circuit at certain periods of time and to provide a short circuit across the lamp's circuit between the periods of time, and a control circuit for sensing the mains voltage and selectively activating the switching component with reference to the mains voltage. <IMAGE>

IPC 1-7
H05B 41/392; H05B 41/18

IPC 8 full level
H05B 41/392 (2006.01)

CPC (source: EP)
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Citation (search report)

- [X] US 4350935 A 19820921 - SPIRA JOEL S, et al
- [X] GB 2269948 A 19940223 - AXIOMATIC DESIGN LTD [GB]
- [AP] FR 2771589 A1 19990528 - SGS THOMSON MICROELECTRONICS [FR]
- [A] US 4904906 A 19900227 - ATHERTON LARRY S [US], et al
- [A] US 4527099 A 19850702 - CAPEWELL DENNIS [US], et al
- [A] US 4899088 A 19900206 - BLACK JR ROBERT A [US], et al
- [A] EP 0905871 A2 19990331 - HELVAR OY [FI]

Cited by
WO03043387A1; US7196478B2; CN101971708A; EP2378843A4; EP1467474A3; US7129648B2; WO2009066223A3

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