

Title (en)

Apparatus for discharge lamps with safe ignition

Title (de)

Betriebsgerät für Entladungslampen mit sicherer Zündung

Title (fr)

Appareil pour des lampes à décharge avec un allumage sûr

Publication

EP 1261240 B1 20040616 (DE)

Application

EP 02005923 A 20020314

Priority

DE 10124636 A 20010518

Abstract (en)

[origin: CA2383331A1] Appliance for discharge lamps, which has a load circuit with a resonance point at a resonant frequency f_{res} . In order to start the discharge lamps, the load circuit is fed with a square-wave source voltage U_q , whose period duration T_{per} multiplied by the resonant frequency f_{res} of the load circuit produces approximately a natural number n which is greater than 1. The pulse duration T_{pulse} at the source voltage U_q is in a range which is described by the following condition: (see formula I)

IPC 1-7

H05B 41/288

IPC 8 full level

H05B 41/288 (2006.01)

CPC (source: EP US)

H05B 41/2883 (2013.01 - EP US); **Y10S 315/07** (2013.01 - EP US)

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