

Title (en)

High pressure discharge lamp apparatus.

Title (de)

Apparat mit Hochdruckentladungslampe.

Title (fr)

Appareil avec lampe à décharge à haute pression.

Publication

EP 0063168 A1 19821027 (EN)

Application

EP 81103046 A 19810422

Priority

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Abstract (en)

In a high pressure discharge lamp apparatus comprising a discharge tube (3) and a current limiting device (2) connected in series, an over-current protecting semiconductor switching device such as a triack (TC) is further connected in series to said discharge tube (3), the triack (TC) being controlled of its firing angle responding to an output of a current detection circuit (9) which detects a change of the lamp current through a change of the lamp voltage, and a pulse generator (4) is further connected in parallel to the discharge tube (3) and gives reignition pulse thereto at least during the zero-current period in each cycle of the lamp current.

IPC 1-7

H05B 41/231

IPC 8 full level

H05B 41/38 (2006.01); **H05B 41/392** (2006.01)

CPC (source: EP)

H05B 41/38 (2013.01); **H05B 41/392** (2013.01)

Citation (search report)

- DE 1150758 B 19630627 - SIEMENS AG
- US 4048543 A 19770913 - OWEN DANIEL V, et al
- US 4101809 A 19780718 - MORAIS DON

Cited by

EP0246788A3; CN103037602A; GB2361818A; WO9222182A1

Designated contracting state (EPC)

DE FR GB

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