

Title (en)

Low ripple, high power factor A-C to D-C power supply.

Title (de)

Stromversorgung für Wechsel- auf Gleichstrom mit geringer Welligkeit und hohem Leistungsfaktor.

Title (fr)

Alimentation en courant pour courant alternatif transformé en courant direct avec pulsation minime et facteur de puissance élevé.

Publication

**EP 0262254 A1 19880406 (EN)**

Application

**EP 86113702 A 19861003**

Priority

EP 86113702 A 19861003

Abstract (en)

A direct-current power supply circuit for gas discharge lamps includes a rectifier-capacitor bridge having a pair of input terminals and a pair of output terminals. A series input inductor is connected to one of the input terminals of the rectifier-capacitor bridge, and a pair of feedback diodes is connected to the output terminals of the rectifier bridge to provide a feedback signal to the series input inductor to control ripple of d-c output from said bridge and power factor of the a-c input to said bridge.

IPC 1-7

**H05B 41/29**

IPC 8 full level

**H05B 41/232** (2006.01)

CPC (source: EP)

**H05B 41/2325** (2013.01)

Citation (search report)

- EP 0091724 A1 19831019 - WESTINGHOUSE ELECTRIC CORP [US]
- CH 643416 A5 19840530 - KIM CHUNG NAM [KR]
- US 3233148 A 19660201 - LAKE WILLIAM H

Cited by

GB2278023A; US7467483B2

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

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