

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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