

(43) International Publication Date
5 May 2011 (05.05.2011)

PCT

(10) International Publication Number
WO 2011/054013 A1(51) International Patent Classification:
H05B 37/02 (2006.01)(21) International Application Number:
PCT/US2010/055189(22) International Filing Date:
2 November 2010 (02.11.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/257,194 2 November 2009 (02.11.2009) US(71) Applicant (for all designated States except US):
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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(54) Title: ELECTRONIC BALLAST CIRCUIT FOR LAMPS

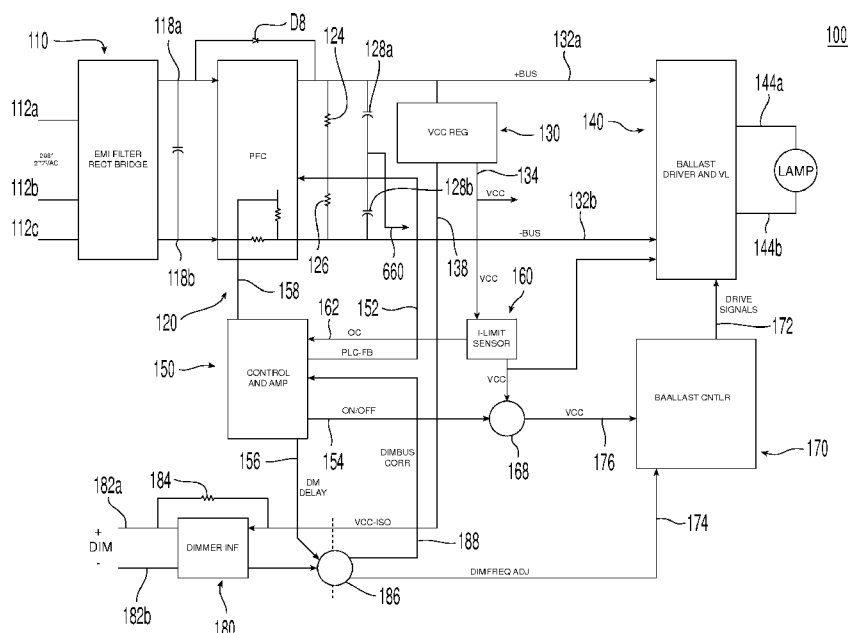


Fig. 1

(57) Abstract: An electronic ballast circuit includes a power factor correction circuit, a control and amplifier circuit, a ballast controller circuit and a ballast driver circuit. The ballast driver circuit includes a resonant circuit that connects to a lamp and a strike voltage limiter circuit that regulates the behavior of the resonant circuit. An overcurrent sensor circuit may be included to indirectly control the ballast controller circuit via the control and amplifier circuit. The strike voltage limiter circuit uses varistors to change the resonant frequency of the resonant circuit to limit the voltage to the lamp.