(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
24 December 2008 (24.12.2008)

PCT

(10) International Publication Number
WO 2008/156991 A1

(51) International Patent Classification:
H05B 39/08 (2006.01) *H05B 41/392* (2006.01)
H05B 39/04 (2006.01)

(21) International Application Number:
PCT/US2008/065247

(22) International Filing Date: 30 May 2008 (30.05.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/764,964 19 June 2007 (19.06.2007) US

(71) Applicant *(for all designated States except US)*: **MASCO CORPORATION** [US/US]; 21001 Van Born Road, Taylor, MI 48180 (US).

(72) Inventor; and
(75) Inventor/Applicant *(for US only)*: **XU, Jian** [CA/CA]; 780 Ouellette Avenue, Apt. 76, Windsor, Ontario N9A 1C5 (CA).

(74) Agent: **OLDS, Theodore W.**; Carlson, Gaskey & Olds, P.C., 400 West Maple Road, Suite 350, Birmingham, MI 48009 (US).

(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, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, 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, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*

(54) **Title:** DIMMING ALGORITHMS BASED UPON LIGHT BULB TYPE

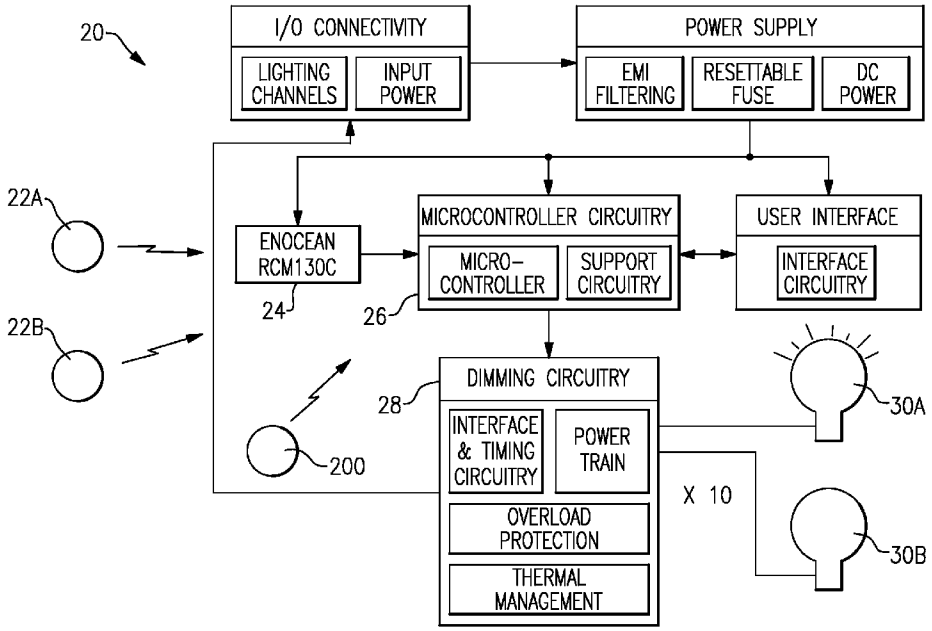


FIG.1

(57) **Abstract:** A lighting control circuit for dimming a light is provided with different algorithms that are utilized to dim fluorescent and incandescent lights. Some method of identifying the type of light which is to be dimmed, reports to a control for the lighting control circuit, and the appropriate algorithm is then selected and utilized.

WO 2008/156991 A1