



(51) International Patent Classification:

H03F 3/217 (2006.01) *H03F 1/56* (2006.01)
H03F 1/02 (2006.01) *H03F 3/26* (2006.01)

(21) International Application Number:

PCT/US2011/021445

(22) International Filing Date:

17 January 2011 (17.01.2011)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/320,541 2 April 2010 (02.04.2010) US
 12/763,640 20 April 2010 (20.04.2010) 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).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

Published:

- with international search report (Art. 21(3))

(54) Title: VARIABLE CLASS CHARACTERISTIC AMPLIFIER

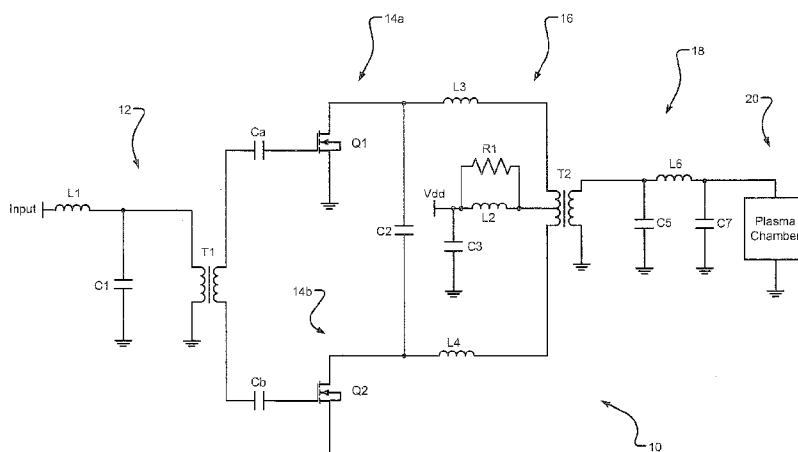


FIG. 2

(57) Abstract: A power amplifier (PA) adjustably operable between two classes of operation. The range of operation lies in a range of operation between a conventional, linear, conjugately matched Class AB characteristic amplifier and a higher efficiency switching Class E characteristic amplifier. A circuit topology having a push-pull configuration (Q1, Q2) that allows a Class E characteristic of operation.