

Title (en)

METHOD AND APPARATUS FOR AN IMPROVED POWER AMPLIFIER

Title (de)

VERFAHREN UND VORRICHTUNG FÜR EINEN VERBESSERTEN LEISTUNGSVERSTÄRKER

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT D'AMELIORER UN AMPLIFICATEUR DE PUISSANCE

Publication

EP 1854208 A4 20090218 (EN)

Application

EP 06718958 A 20060117

Priority

- US 2006001960 W 20060117
- US 6062205 A 20050216
- US 6065805 A 20050216

Abstract (en)

[origin: WO2006088604A2] An amplifier system is provided that has a first balun with an input and an output, and a second balun with an input and an output. A first set of amplifiers is coupled in series and to the output of the first balun. A second set of amplifiers is coupled in series and to the output of the second balun. The first and second sets of amplifiers are in series or parallel. A load impedance of the first and second sets of amplifiers does not substantially change at an output of any amplifier that is switched on when another amplifier is switched off.

IPC 8 full level

H03F 3/68 (2006.01); **H03F 1/02** (2006.01); **H03F 3/72** (2006.01)

CPC (source: EP)

H03F 1/0211 (2013.01); **H03F 3/211** (2013.01); **H03F 3/602** (2013.01); **H03F 3/72** (2013.01); **H03F 2200/06** (2013.01); **H03F 2200/09** (2013.01); **H03F 2200/198** (2013.01); **H03F 2200/204** (2013.01); **H03F 2200/315** (2013.01); **H03F 2200/534** (2013.01)

Citation (search report)

- [X] US 5256987 A 19931026 - KIBAYASHI TOSHIMITSU [JP], et al
- [A] WO 2004114516 A1 20041229 - NOKIA CORP [FI], et al
- [A] US 2003048132 A1 20030313 - KAGAYA OSAMU [JP], et al
- See references of WO 2006088604A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006088604 A2 20060824; **WO 2006088604 A3 20061221**; **WO 2006088604 B1 20070222**; EP 1854208 A2 20071114; EP 1854208 A4 20090218

DOCDB simple family (application)

US 2006001960 W 20060117; EP 06718958 A 20060117