

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 A2 20071114 (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)

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