

Title (en)

AMPLIFIER WITH HIGH OUTPUT POWER DYNAMICS

Title (de)

VERSTÄRKER MIT GROSSER AUSGANGSLEISTUNGSDYNAMIK

Title (fr)

AMPLIFICATEUR A GRANDE DYNAMIQUE DE PUISSANCE DE SORTIE

Publication

EP 1652293 A1 20060503 (FR)

Application

EP 04767583 A 20040705

Priority

- FR 2004001748 W 20040705
- FR 0309421 A 20030731

Abstract (en)

[origin: FR2858492A1] The amplifier has active units coupled in parallel to load impedance (2) through a matching device (3). The device has susceptance compensating circuits (4) connected respectively to outputs of the active units to compensate output susceptances of the active units. The device has a conductance combining and matching circuit (5) with inputs connected to outputs of the compensating circuits and an output connected to the impedance.

IPC 1-7

H03F 1/02; H03F 3/60; H03F 3/72; H01P 5/00

IPC 8 full level

H01P 5/02 (2006.01)

CPC (source: EP US)

H01P 5/02 (2013.01 - EP US); **H03F 3/602** (2013.01 - EP US)

Citation (search report)

See references of WO 2005022741A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

FR 2858492 A1 20050204; **FR 2858492 B1 20060908**; CN 100508367 C 20090701; CN 1833359 A 20060913; EP 1652293 A1 20060503; JP 2007500961 A 20070118; JP 4629672 B2 20110209; US 2006192615 A1 20060831; US 7514994 B2 20090407; WO 2005022741 A1 20050310

DOCDB simple family (application)

FR 0309421 A 20030731; CN 200480022208 A 20040705; EP 04767583 A 20040705; FR 2004001748 W 20040705; JP 2006521608 A 20040705; US 56639704 A 20040705