

Title (en)

AMPLIFYING CIRCUIT COMPRISING AN ENVELOPE MODULATED LIMIT CYCLES MODULATOR CIRCUIT

Title (de)

VERSTÄRKUNGSSCHALTUNG MIT EINER ÖLKURVENMODULIERTEN LIMIT-CYCLES-MODULATORSCHALTUNG

Title (fr)

CIRCUIT AMPLIFICATEUR COMPRENANT UN CIRCUIT MODULATEUR AVEC CYCLES DE LIMITATION MODULES A ENVELOPPE

Publication

**EP 1649594 A1 20060426 (EN)**

Application

**EP 04748731 A 20040712**

Priority

- NL 2004000506 W 20040712
- EP 03077273 A 20030718
- EP 04748731 A 20040712

Abstract (en)

[origin: EP1499011A1] An amplifying circuit (10) for amplifying a modulated RF input signal, in particular for use in a radio transceiver circuit. The amplifying circuit (10) comprises a limit cycles modulator circuit (20-22, 26-29, 31-33), arranged for generating an amplified RF output signal from an RF input signal, and an envelope modulator circuit (34-36) arranged for amplitude modulating the RF output signal determined by envelope information extracted from the modulated input signal. <IMAGE>

IPC 1-7

**H03F 1/02**; **H03F 1/32**; **H03F 3/217**

IPC 8 full level

**H03F 1/02** (2006.01); **H03F 1/32** (2006.01); **H03F 3/217** (2006.01)

CPC (source: EP KR)

**H03F 1/02** (2013.01 - KR); **H03F 1/0222** (2013.01 - EP); **H03F 1/32** (2013.01 - KR); **H03F 1/3241** (2013.01 - EP); **H03F 3/217** (2013.01 - EP KR); **H03F 2200/331** (2013.01 - EP)

Citation (search report)

See references of WO 2005008884A1

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)

**EP 1499011 A1 20050119**; CN 1823469 A 20060823; CN 1823469 B 20110608; EP 1649594 A1 20060426; JP 2006528457 A 20061214; KR 20060052828 A 20060519; WO 2005008884 A1 20050127

DOCDB simple family (application)

**EP 03077273 A 20030718**; CN 200480020567 A 20040712; EP 04748731 A 20040712; JP 2006521017 A 20040712; KR 20067001142 A 20060117; NL 2004000506 W 20040712