

Title (en)
CIRCUIT ARRANGEMENT FOR SUPPRESSING INTERFERENCE SIGNALS IN THE RECEIVE BRANCH OF A MODEM OF A HOUSEHOLD APPLIANCE

Title (de)
SCHALTUNGSANORDNUNG ZUR UNTERDRÜCKUNG VON STÖRSIGNALEN IM EMPFANGSZWEIG EINES MODEMS EINES HAUSGERÄTES

Title (fr)
CIRCUIT POUR SUPPRIMER DES SIGNAUX PARASITES DANS L'EMBRANCHEMENT DE RECEPTION D'UN MODEM D'UN APPAREIL MENAGER

Publication
EP 1779645 A2 20070502 (DE)

Application
EP 05773841 A 20050801

Priority
• EP 2005053743 W 20050801
• DE 102004039061 A 20040811

Abstract (en)
[origin: WO2006018376A2] The aim of the invention is to suppress interference signals in the receive branch of a modem (MO), which contains a transmit branch and the receive branch, of a household appliance (HG) equipped with a transmitting device for transmitting and a receiving device for receiving data signals. When using a receive circuit (EB) of the modem (MO) with an input circuit having a relatively high input impedance, a bandpass filter (BP) is connected in parallel to this input circuit. The resonance frequency of the bandpass filter is set to a value such that the frequency of the respective interference signal is either higher or lower than the relevant resonator frequency.

IPC 8 full level
H04M 11/00 (2006.01)

CPC (source: EP KR US)
H04B 3/54 (2013.01 - EP KR US); **H04B 3/56** (2013.01 - EP US); **H04L 12/16** (2013.01 - KR); **H04L 25/0266** (2013.01 - EP US); **H04L 25/40** (2013.01 - KR); **H04B 2203/5425** (2013.01 - EP US); **H04B 2203/5491** (2013.01 - EP US)

Citation (search report)
See references of WO 2006018376A2

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)
DE 102004039061 A1 20060223; CN 101002459 A 20070718; EP 1779645 A2 20070502; KR 20070044435 A 20070427; US 2008089492 A1 20080417; WO 2006018376 A2 20060223; WO 2006018376 A3 20060727

DOCDB simple family (application)
DE 102004039061 A 20040811; CN 200580027317 A 20050801; EP 05773841 A 20050801; EP 2005053743 W 20050801; KR 20077001706 A 20070124; US 66007705 A 20050801