

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  
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Application  
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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.

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