

Abstract:

Data Receiver Circuit for Infrared Signals

A data receiver circuit for infrared signals, in particular for toll systems on roads, comprises several infrared detectors (5) the signals of which are supplied to a summing circuit so as to increase the useful power while suppressing interfering signals. To improve the signal/noise ratio, it is provided that several input circuits are provided with an infrared detector (5a, 5b to 5n) each and with an associated separate amplifier (6a, 6b to 6n), and that these input circuits are connected in parallel to the summing circuit (7).