

Title (en)

DC TRACKING CIRCUIT FOR GINOMY DATA SLICER.

Title (de)

GLEICHSTROMFOLGESCHALTUNG FUR ABKOPPEINRICHTUNG FUR BINARE DATEN.

Title (fr)

CIRCUIT D'ASSERVISSEMENT EN FREQUENCE A COURANT CONTINU POUR LIMITEUR A SEUIL DE DONNEES DE GINOMY.

Publication

EP 0645066 A1 19950329 (EN)

Application

EP 93913331 A 19930609

Priority

- GB 9301226 W 19930609
- GB 9212263 A 19920610

Abstract (en)

[origin: WO9326110A1] In a transceiver (1) forming part of a digital communications system, there is described a system for data recovery from the demodulated analogue signal, said system comprising a slicer circuit (6) for extracting the digital data from the analogue signal and a low pass filter (9) for generating, from the input analogue signal (5), a threshold signal for use in the operation of said slicer circuit (6). The low pass filter (9) has a variable time constant, selected by a switch (5), to alter the rate of change of the threshold level in accordance with the position of the switch. The switch is itself controlled by a composite control signal (16) output from a gate (10) and indicative of two properties of the received R.F. signal, namely the received signal strength (RSSI) and the state of synchronisation. The arrangement is such that a high rate of change of threshold level is permitted only if the transceiver is not synchronised a &cir& _n &cir& _d &cir& _ the received signal strength is above a predetermined level.

IPC 1-7

H04L 25/06

IPC 8 full level

H04L 25/06 (2006.01)

CPC (source: EP)

H04L 25/062 (2013.01); **H04L 25/065** (2013.01)

Citation (search report)

See references of WO 9326110A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 9326110 A1 19931223; AU 4344393 A 19940104; EP 0645066 A1 19950329; GB 2282942 A 19950419; GB 2282942 B 19960124; GB 9212263 D0 19920722; GB 9425397 D0 19950215

DOCDB simple family (application)

GB 9301226 W 19930609; AU 4344393 A 19930609; EP 93913331 A 19930609; GB 9212263 A 19920610; GB 9425397 A 19930609