

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.

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Application
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Priority
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• 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.

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