

Title (en)

CIRCUITRY ON AN INTEGRATED CIRCUIT FOR PERFORMING OR FACILITATING OSCILLOSCOPE, JITTER, AND/OR BIT-ERROR-RATE TESTER OPERATIONS

Title (de)

SCHALTUNG IN EINEM INTEGRIERTEN SCHALTKREIS ZUR DURCHFÜHRUNG ODER ERLEICHTERUNG DES BETRIEBS EINES OSZILLOSKOPS, EINES JITTERS UND/ODER EINES BITFEHLERRATEN-TESTERS

Title (fr)

CIRCUITS SUR CIRCUIT INTÉGRÉ DESTINÉS À RÉALISER OU À FACILITER DES OPÉRATIONS DE MESURE D'OSCILLOSCOPE, DE SCINTILLEMENT, ET/OU DE TAUX D'ERREUR SUR LES BITS

Publication

EP 2603805 A2 20130619 (EN)

Application

EP 11816812 A 20110802

Priority

- US 88430510 A 20100917
- US 85622610 A 20100813
- US 2011046239 W 20110802

Abstract (en)

[origin: WO2012021332A2] An integrated circuit ("IC") may include circuitry for use in testing a serial data signal. The IC may include circuitry for transmitting the serial data signal with optional jitter, optional noise, and/or controllably variable drive strength. The IC may also include circuitry for receiving the serial data signal and performing a bit error rate ("BER") analysis in such a signal. The IC may provide output signals indicative of results of its operations. The IC can operate in various modes to perform or at least emulate functions of an oscilloscope, a bit error rate tester, etc., for testing signals and circuitry with respect to jitter-tolerance, noise-tolerance, etc.

IPC 8 full level

G01R 31/303 (2006.01); **G01R 31/317** (2006.01); **H04L 7/033** (2006.01)

CPC (source: EP)

G01R 31/31709 (2013.01); **G01R 31/3171** (2013.01); **G01R 31/31716** (2013.01); **H04L 7/0337** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2012021332 A2 20120216; **WO 2012021332 A3 20120412**; CN 103140768 A 20130605; CN 103140768 B 20160127; EP 2603805 A2 20130619; EP 2603805 A4 20161019

DOCDB simple family (application)

US 2011046239 W 20110802; CN 201180046719 A 20110802; EP 11816812 A 20110802