

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
5 June 2003 (05.06.2003)

PCT

(10) International Publication Number
WO 03/047280 A2

(51) International Patent Classification⁷: H04Q 7/00

(21) International Application Number: PCT/GB02/05245

(22) International Filing Date:
22 November 2002 (22.11.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0128168.2 23 November 2001 (23.11.2001) GB

(71) Applicant (for all designated States except US): ACTIX LIMITED [GB/GB]; Hamlet House, 77 Fulham Palace Road, London W6 8JA (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): DOBSON, Robert,

William, Albert [GB/GB]; Actix Limited, 77 Fulham Palace Road, London W6 8JA (GB). KO, Yiu Fai [GB/GB]; Actix Limited, 77 Fulham Palace Road, London W6 8JA (GB).

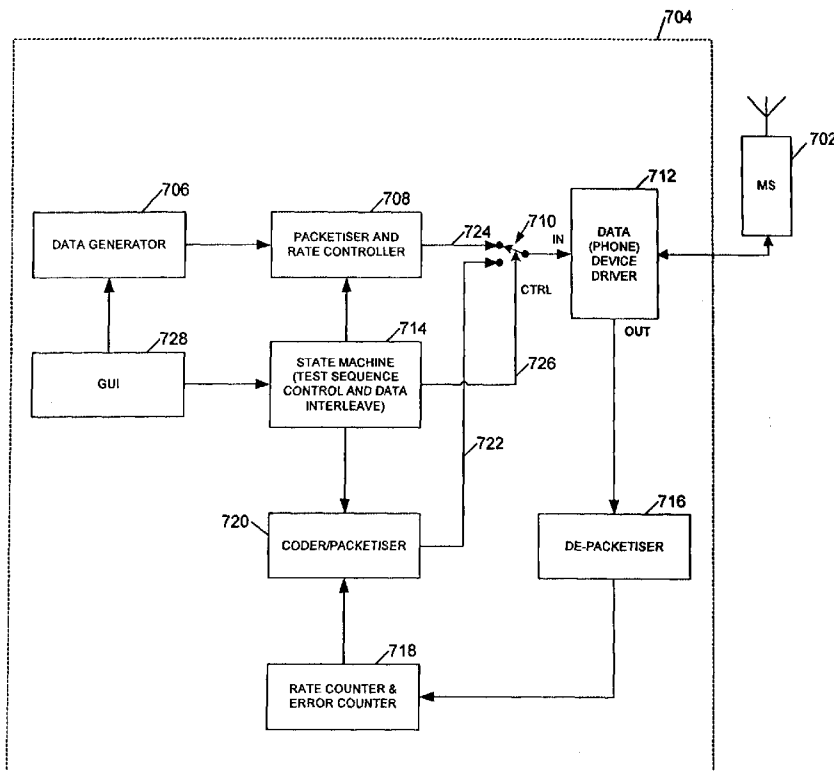
(74) Agent: MARTIN, Philip, John; Marks & Clerk, Wellington House, East Road, Cambridge CB1 2BH (GB).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: NETWORK TESTING AND MONITORING SYSTEMS



(57) Abstract: A method of testing a digital mobile phone network such as a GPRS or 3G network comprises either using real traffic or creating test traffic using test mobile phone coupled to a computer, and using the computer to measure a parameter associated with the network's response to the traffic. The measurements made by the computer are themselves sent as traffic to create one or more data streams within the mobile phone network comprising the traffic, measurements relating to the traffic, and signalling relating to the traffic, whereby this data stream or these streams can be captured at interface points within the network and analysed to investigate the functioning of the network dynamically as the network is exercised with the traffic. Software and test equipment for performing the method are also described.



WO 03/047280 A2

