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(21) International Application Number: PCT/GB00/00161 (22) International Filing Date: 14 January 2000 (14.01.00) (30) Priority Data: <table border="0"> <tr> <td>9900829.4</td> <td>15 January 1999 (15.01.99)</td> <td>GB</td> </tr> <tr> <td>9928574.4</td> <td>3 December 1999 (03.12.99)</td> <td>GB</td> </tr> <tr> <td>9928856.5</td> <td>7 December 1999 (07.12.99)</td> <td>GB</td> </tr> </table> (71) Applicant (for all designated States except US): NOKIA MOBILE PHONES LIMITED [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). (72) Inventors; and (75) Inventors/Applicants (for US only): LINDLAR, Heribert [DE/DE]; Biermannsweg 24, D-44799 Bochum (DE). SCHETELIG, Markus [DE/DE]; Giradet Strasse 33, D-45131 Essen (DE). BURGESS, Paul [GB/DE]; Alsen Strasse 12, D-44789 Bochum (DE). JOERESSEN, Olaf [DE/DE]; Geibel Strasse 30, D-40235 Dusseldorf (DE). (74) Agents: HIGGIN, Paul et al.; Nokia Ipr Dept., Nokia House, Summit Avenue, Southwood, Farnborough, Hampshire GU14 0NG (GB).		9900829.4	15 January 1999 (15.01.99)	GB	9928574.4	3 December 1999 (03.12.99)	GB	9928856.5	7 December 1999 (07.12.99)	GB	(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, 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, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
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(54) Title: INTERFACE**(57) Abstract**

An interface between base band circuitry and RF transceiver circuitry, particularly relating to the Bluetooth standard. The interface has a plurality of connectors (DBus) for controlling the RF transceiver circuitry including providing control information for changing the mode of operation of the transceiver, said modes including a transmit mode and a receive mode; at least first and second further connectors (RFBus) wherein in the transmit mode, one of said first and second connectors supplies data to the transceiver and the other is operable to perform a first function such as controlling the power amplifier in the RF circuitry and wherein, in the receive mode, one of said first and second connectors receives data from said RF module and the other is operable to perform a second function different from the first function.



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