

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶: H04G 7/12	A1	(11) International Publication Number: WO 98/25363 (43) International Publication Date: 11 June 1998 (11.06.98)
(21) International Application Number: PCT/IB97/01163 (22) International Filing Date: 26 September 1997 (26.09.97) (30) Priority Data: 9625373.7 6 December 1996 (06.12.96) GB (71) Applicant: PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). (71) Applicant (for SE only): PHILIPS NORDEN AB [SE/SE]; Kotthygatan 7, Kista, S-164 85 Stockholm (SE). (72) Inventors: GIBSON, Rodney, William; Prof. Holstlaan 6, NL-5656 BA Eindhoven (NL). RELPH, Peter, Michael; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BELL, John, Richardson; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). (74) Agent: MOODY, Colin, J.; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).		(81) Designated States: CN, JP, KR, SG, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). 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>

(54) Title: METHOD AND SYSTEM FOR PROVIDING ACKNOWLEDGEMENT IN A 2-WAY MESSAGING SYSTEM**(57) Abstract**

A message transmission system comprising at least one primary station (10, 14, 16, 22) having means for making transmissions on a down-link and a plurality of secondary stations (18, 20) having means for making transmissions on an up-link, each of the secondary stations having its own address which is transmitted as part of the down-link message. Each of the secondary stations has means (100, 102, 104-Fig. 8 not shown) for generating responses to messages as pseudo-random data sequences, the pseudo-random data sequence being generated by a secondary station at any one time being dependent on at least the address assigned to the secondary station and/or information contained in the message.

