



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : H04L 1/12, H04B 17/00	A1	(11) International Publication Number: WO 99/21318 (43) International Publication Date: 29 April 1999 (29.04.99)
---	----	---

(21) International Application Number: PCT/EP98/06619
 (22) International Filing Date: 20 October 1998 (20.10.98)
 (30) Priority Data:
 197 46 691.5 22 October 1997 (22.10.97) DE
 (71) Applicant: TELEFONAKTIEBOLAGET LM ERICSSON
 (publ) [SE/SE]; S-126 25 Stockholm (SE).
 (72) Inventor: SCHIEDER, Andreas; Nordstrasse 74, D-52134
 Herzogenrath (DE).
 (74) Agents: VON FISCHERN, Bernhard et al.; Hoffmann . Eitle,
 Arabellastrasse 4, D-81925 Munich (DE).

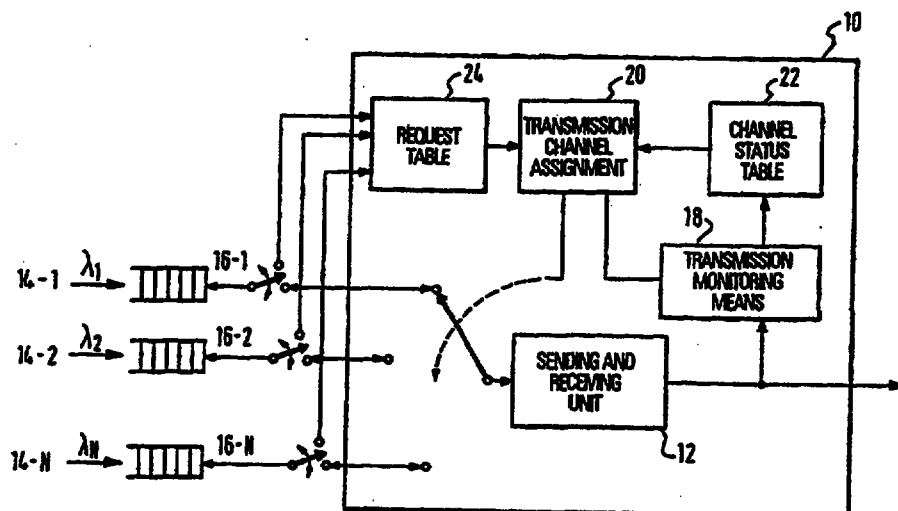
(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, 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

With international search report.

Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: INTELLIGENT PACKET RETRANSMISSION SCHEME



(57) Abstract

To achieve an improved utilization of a radio link channel in a wireless packet oriented transmission system data packets are transmitted between a transmission apparatus (10) and a mobile unit (14), respectively. Then it is determined whether a data packet transmission between the transmission apparatus (10) and the mobile unit (14) has been carried out successfully. Here, a transmission channel (16) is reassigned to another mobile unit (14) in a case that it is determined that the transmission of the data packet was not successful and further a retransmission of a data packet is estimated to be not successful.