

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

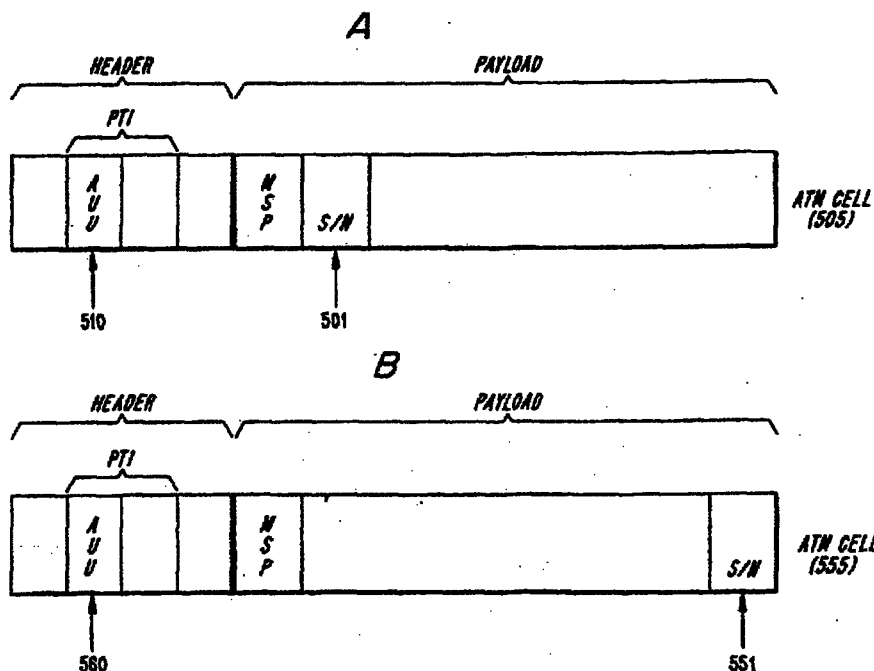


INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : H04Q 11/04	A1	(11) International Publication Number: WO 97/48250 (43) International Publication Date: 18 December 1997 (18.12.97)
(21) International Application Number: PCT/SE97/00971 (22) International Filing Date: 3 June 1997 (03.06.97) (30) Priority Data: 08/661,161 10 June 1996 (10.06.96) US (71) Applicant: TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE). (72) Inventors: PETERSEN, Lars-Göran; Hökbursvägen 5, S-147 42 Tumba (SE). ENEROTH, Lars, Göran, Wilhelm; Scheffers gränd 13, S-135 63 Tyresö (SE). (74) Agents: BANDELIN, Hans et al.; Telefonaktiebolaget LM Ericsson, Patent and Trademark Dept., S-126 25 Stockholm (SE).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MR, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published With international search report.

980 5899-3
1P056 60P3

(54) Title: MINICELL SEQUENCE NUMBER COUNT



(57) Abstract

The process of detecting lost data cells in a telecommunication system that employs Asynchronous Transfer Mode is significantly improved in terms of bandwidth utilization by using an optional minicell or ATM cell sequence count. This may be accomplished by inserting the minicell or ATM cell sequence count into the ATM cell stream at intervals that can be adjusted at the transmitting station.