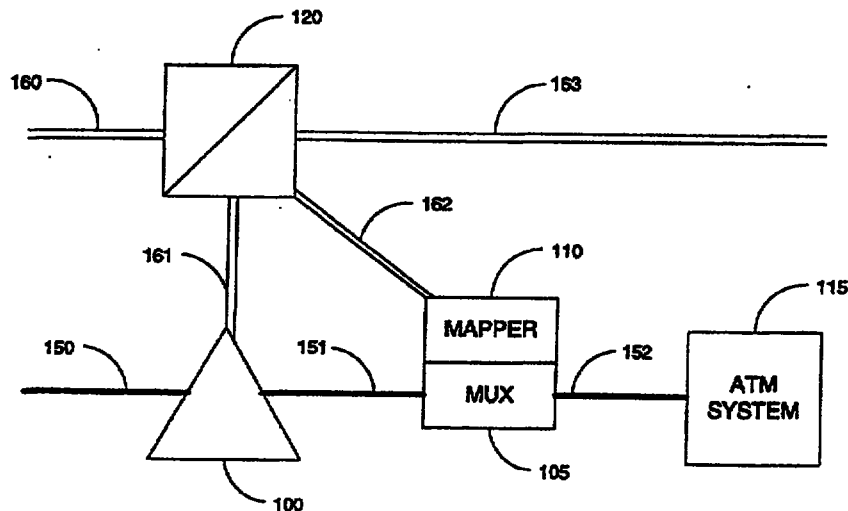




## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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| (21) International Application Number: <b>PCT/US96/14129</b><br>(22) International Filing Date: <b>3 September 1996 (03.09.96)</b><br>(30) Priority Data:<br>08/525,897                8 September 1995 (08.09.95)    US<br>08/562,206                22 November 1995 (22.11.95)    US<br>(71) Applicant: <b>SPRINT COMMUNICATIONS COMPANY, L.P.</b><br>[US/US]; 8140 Ward Parkway, Kansas City, MO 64114-0417 (US).<br>(72) Inventor: <b>CHRISTIE, Joseph, Michael; 536 Green Avenue, San Bruno, CA 94066 (US).</b><br>(74) Agent: <b>DICKEY, Steven, R.; Hovey, Williams, Timmons &amp; Collins, Suite 400, 2405 Grand Boulevard, Kansas City, MO 64108 (US).</b> |           | (81) Designated States: <b>AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, ARIPO patent (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).</b><br><br>Published<br><i>With international search report.</i> |

(54) Title: **ATM TRANSPORT SYSTEM**

## (57) Abstract

An ATM transport system (105, 110, 115) transports user information from a continuous signal transport system (100). The ATM transport system (105, 110, 115) uses telecommunications signaling associated with the continuous signals to determine if the continuous signals are transporting any user information. If so, ATM cells containing user information are generated and transmitted. An ATM interworking multiplexer (105) and a processor (110) are included in the system.