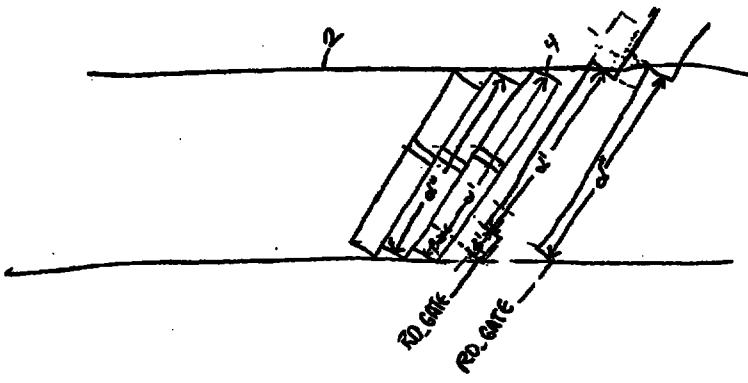


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## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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| <b>(51) International Patent Classification 7 :</b><br><b>G11B 5/00</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>A2</b> | <b>(11) International Publication Number:</b> <b>WO 00/30076</b><br><b>(43) International Publication Date:</b> 25 May 2000 (25.05.00)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>(21) International Application Number:</b> PCT/US99/27313<br><b>(22) International Filing Date:</b> 16 November 1999 (16.11.99)<br><b>(30) Priority Data:</b><br>09/193,030 16 November 1998 (16.11.98) US<br><b>(71) Applicant:</b> ECRIX CORPORATION [US/US]; Craig Lamborn, 5525 Central Avenue, Boulder, CO 80301 (US).<br><b>(72) Inventors:</b> MCAULIFFE, Richard, H.; 2960 Lafayette Drive, Boulder, CO 80303 (US). MUNRO, Frederick, G.; 2315 Ridge Circle, Broomfield, CO 80020 (US). NEWSOME, Paul; 7829 Brockway Drive, Boulder, CO 80303 (US). ZACZEK, Thomas, E.; 952 Cleveland Court, Louisville, CO 80027 (US).<br><b>(74) Agents:</b> FISHMAN, Daniel, N. et al.; Lee & Fishman, LLP, Suite A, 1900 15th Street, Boulder, CO 80302 (US). |           | <b>(81) Designated States:</b> 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, 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).<br><br><b>Published</b><br><i>Without international search report and to be republished upon receipt of that report.</i> |
| <b>(54) Title:</b> METHOD AND SYSTEM FOR MONITORING AND ADJUSTING TAPE POSITION USING CONTROL DATA PACKETS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <b>(57) Abstract</b><br><p>A method and system for monitoring and/or adjusting the positioning of a magnetic tape (2) using central control packets (30) that are recorded to the tape (2) is presented. Central control packets (30) are used for adjusting the timing of the read head signal over the tape, adapting the reel count to that of the drive at the time the tape was recorded, and monitoring filemarks for logical tape positioning.</p> <div data-bbox="1029 1825 1412 1960"><p>This Sheet Has Been Replaced</p></div>                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |