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(21) International Application Number: PCT/SE99/01468 (22) International Filing Date: 27 August 1999 (27.08.99) (30) Priority Data: 09/145,035 1 September 1998 (01.09.98) US (71) Applicant: INTERTEX DATA AB [SE/SE]; Malmavägen 215, S-139 60 Värmdö (SE). (72) Inventor: STAHL, Karl, Erik; Intertex Data AB, Malmavägen 215, S-139 60 Värmdö (SE). (74) Agent: AWAPATENT AB; P.O. Box 5117, S-200 17 Malmö (SE).		(81) Designated States: AE, AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), DM, EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, 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, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, 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 <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: PCMCIA SMART CARD READER**(57) Abstract**

A PCMCIA smart card reader with no protruding portion, with a stable mechanical design, allowing space for additional functions to be included in the PCMCIA card and that eases the insertion of a smart card. A thin support is formed between a thin upper section and a lower section of the PCMCIA smart card reader at an opening forming a smart card slot. The support is outside the smart card slot, but positioned within the PCMCIA slot and is preferably an integrated part of a PCMCIA card top cover. Since the support guides the smart card laterally at the opening of the smart card slot, only a small portion of the smart card has to be inserted into the PCMCIA card. The limited insertion of the smart card and the location of contacts for interfacing with the smart card in the thin upper section of the smart card reader, creates space for other functions to be included in the PCMCIA card, for example, a modem. The smart card insertion is eased by a removable extension supporting the smart card vertically during the insertion of the smart card. The removable extension may be a cable connection plug.

