



PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : G06F 3/033, G06K 11/18		A1	(11) International Publication Number: WO 99/60469
			(43) International Publication Date: 25 November 1999 (25.11.99)
(21) International Application Number: PCT/SE99/00719		(81) Designated States: AE, AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), 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, US, 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).	
(22) International Filing Date: 30 April 1999 (30.04.99)		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. In English translation (filed in Swedish).	
(30) Priority Data:			
9801535-7 30 April 1998 (30.04.98) SE 60/091,323 30 June 1998 (30.06.98) US 9803456-4 9 October 1998 (09.10.98) SE 60/105,816 27 October 1998 (27.10.98) US			
(71) Applicant (for all designated States except US): C TECHNOLOGIES AB [SE/SE]; Forskningsbyn Ideon, S-223 70 Lund (SE).			
(72) Inventors; and			
(75) Inventors/Applicants (for US only): FÄHRAEUS, Christer [SE/SE]; Sölvegatan 3, S-223 62 Lund (SE). HUGOSSON, Ola [SE/SE]; Sandgatan 14 B, S-223 50 Lund (SE). ERICSON, Petter [SE/SE]; Industrigatan 2 B, S-212 14 Malmö (SE).			
(74) Agent: AWAPATENT AB; P.O. Box 5117, S-200 71 Malmö (SE).			
(54) Title: CONTROL DEVICE AND METHOD OF CONTROLLING AN OBJECT			
(57) Abstract			
A control device, for example a computer mouse, has image-recording means which are adapted to be moved, preferably manually, for controlling an object, for example a cursor on a computer screen, as a function of the movement of the image-recording means. The control device is adapted to record a plurality of images with partially overlapping contents when the image-recording means are being moved, the partially overlapping contents of the images enabling image-processing means to generate control signals indicating how the image-recording means have been moved. A method of controlling and a control device based on the turning of the image-recording means are also shown.			