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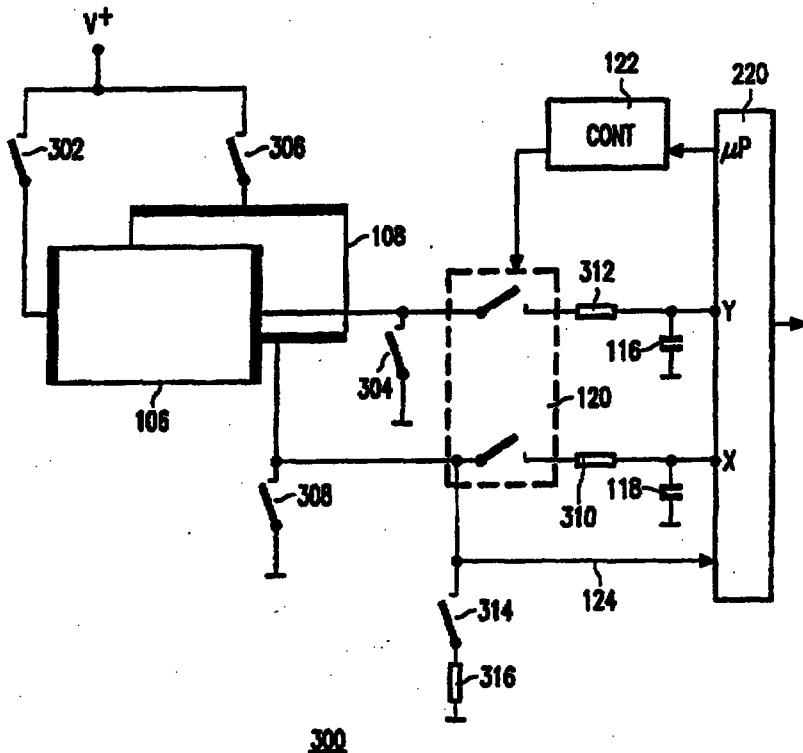
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : G06F 3/033, G06K 11/06	A2	(11) International Publication Number: WO 96/26481	
		(43) International Publication Date: 29 August 1996 (29.08.96)	
(21) International Application Number: PCT/IB96/00096	(81) Designated States: JP, KR, SG, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).		
(22) International Filing Date: 7 February 1996 (07.02.96)	Published Without international search report and to be republished upon receipt of that report.		
(30) Priority Data: 95200432.3 21 February 1995 (21.02.95) EP (34) Countries for which the regional or international application was filed: AT et al.	RTMP's COPY + ISA (A3) See inside		
(71) Applicant: PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).	9611820-3		
(71) Applicant (for SE only): PHILIPS NORDEN AB [SE/SE]; Kontrygatan 5, Kista, S-164 85 Stockholm (SE).			
(72) Inventor: KOOLEN, Gerardus, Johannes, Karel, Marijke; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).			
(74) Agent: VERDONK, Peter, L., F., M.; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).			

(54) Title: ~~LOW-PASS FILTER OF GRAPHICAL TABLET HAS CUT-OFF FREQUENCY LOWER THAN SAMPLING FREQUENCY~~

(57) Abstract

A graphical tablet includes a pair of parts to be brought into electrical contact with one another under user-interaction. Electrical signals are generated indicative of X and Y coordinates of the contact. The signals are filtered by low-pass filter means. The filtered X and Y signals are sampled with a particular sampling frequency and are held in separate X and Y holding means. The cut-off frequency of the filter means is at least part of the time substantially lower than the sampling frequency, as each holding means has to settle for only increments and decrements relative to its stored sample value. Thus the spectrum of noise rejection is widened with respect to the prior art.



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