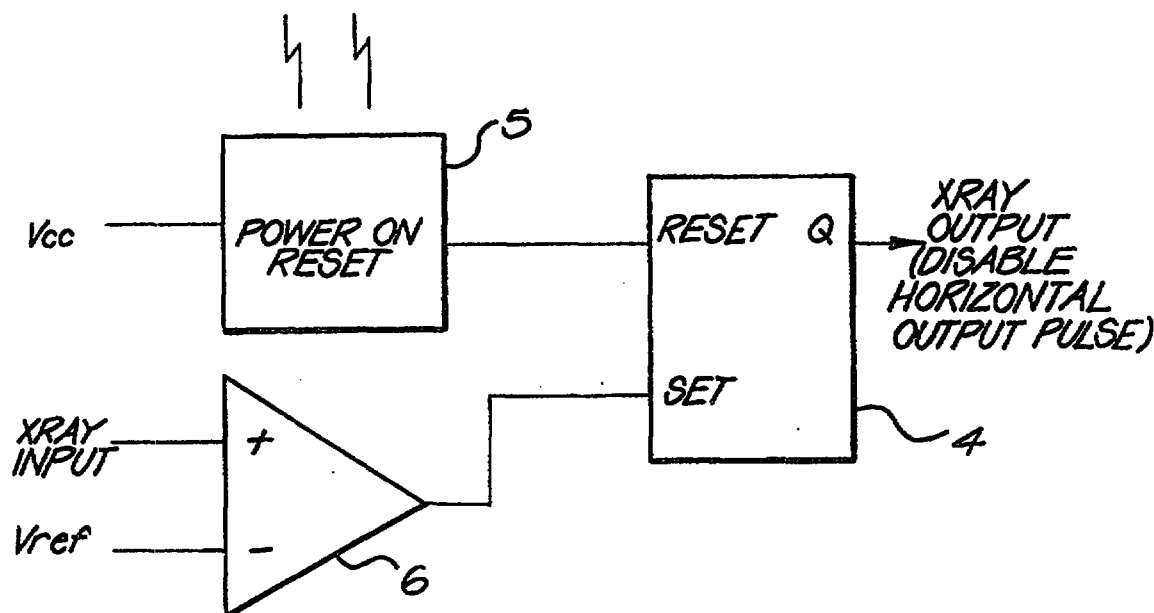




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : H04N 3/20	A1	(11) International Publication Number: WO 99/04556 (43) International Publication Date: 28 January 1999 (28.01.99)
(21) International Application Number: PCT/SG97/00030 (22) International Filing Date: 21 July 1997 (21.07.97) (71) Applicant (for all designated States except US): SGS-THOMSON MICROELECTRONICS ASIA PACIFIC (PTE) LTD. [SG/SG]; 28 Ang Mo Kio Industrial Park 2, Singapore 569508 (SG). (72) Inventors; and (75) Inventors/Applicants (for US only): ZHOU, Donglin [CN/CN]; Design Centre, STS Microelectronics, 52 Tao Hua Road, Fu Tian Free Trade Zone, Shenzhen 518048 (CN). DESPREZ-LE GOARANT, Yann [FR/SG]; 12 Cactus Drive, #05-01 Grande Vista, Singapore 809688 (SG). (74) Agent: DONALDSON & BURKINSHAW; P.O. Box 3667, Singapore 905667 (SG).		(81) Designated States: JP, SG, US, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published With international search report. With amended claims.

(54) Title: X-RAY PROTECTION CIRCUIT



(57) Abstract

An x-ray protection circuit for a video processor, to disable a horizontal output pulse when a voltage level on the x-ray input exceeds a reference voltage. The x-ray protection circuit comprises a comparator and a bistable device, and incorporates a reset circuit. The reset circuit enables the initialisation of the protection circuit whilst the power is switched on.