

ABSTRACT

VIDEO CONTROL CIRCUIT

A brightness limiter (76) is responsive to a beam current control signal in a predetermined range of beam current operating values with an extended operating threshold for reducing brightness and reducing beam current. Operation of the brightness limiter (76) responsive to certain noise in the beam current control signal during retrace is inhibited, the brightness limiter being otherwise responsive to the beam current control signal at operating values below the threshold. Operation of the brightness limiter (76) may be inhibited by passing the beam current control signal through an AC filter. Alternatively, operation of the brightness limiter may be inhibited during retrace by interrupting propagation of the beam current control signal, or by preventing operation of the brightness limiter, for example, responsive to flyback pulses or pulses in timed relationship to flyback pulses.

