

DP-325122

ABSTRACT OF THE DISCLOSURE

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Switch circuitry comprising an input terminal (1), said input terminal connected to the base of of a first transistor (Q1) via a first resistor R3, said first transistor being an NPN Bipolar Gate Transistor (Q1), further comprising a second resistor (R5) connected between the base of said first transistor Q1 and ground, and
10 including an output line or terminal (3) connected to the collector of said first transistor (Q1), and wherein the emitter of said first transistor (Q1) is connected to ground (earth), said circuitry further including a second transistor (Q2) , said second transistor being a PNP Bipolar Gate Transistor, wherein the collector of said second transistor (Q2) is connected via a third resistor (R8) to the base of said
15 first transistor (Q1), and the emitter of said second transistor Q2 is connected to said input terminal (1), and wherein the emitter of said second transistor (Q2) is additionally connected to the base of said second transistor Q2 via a fourth resistor R11; and the base of said second transistor (Q2) being additionally connected to the output terminal (3) via a fifth resistor (R10) and a diode (D1).

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Figure 3