

CIRCUITRY AND CONTROL METHOD FOR CHARGING CAPACITIVE LOADS

ABSTRACT

5 A capacitor charging circuit comprises, power transfer circuitry, power switching
control circuitry and voltage measurement circuitry. The power transfer circuitry
transfers power from a power source to a capacitor. The power switching control
circuitry controls the switching that causes power to be delivered to the power transfer
circuitry. The voltage measurement circuitry indirectly measures the output voltage to
10 determine when to stop charging the capacitor.

Fig. 2A