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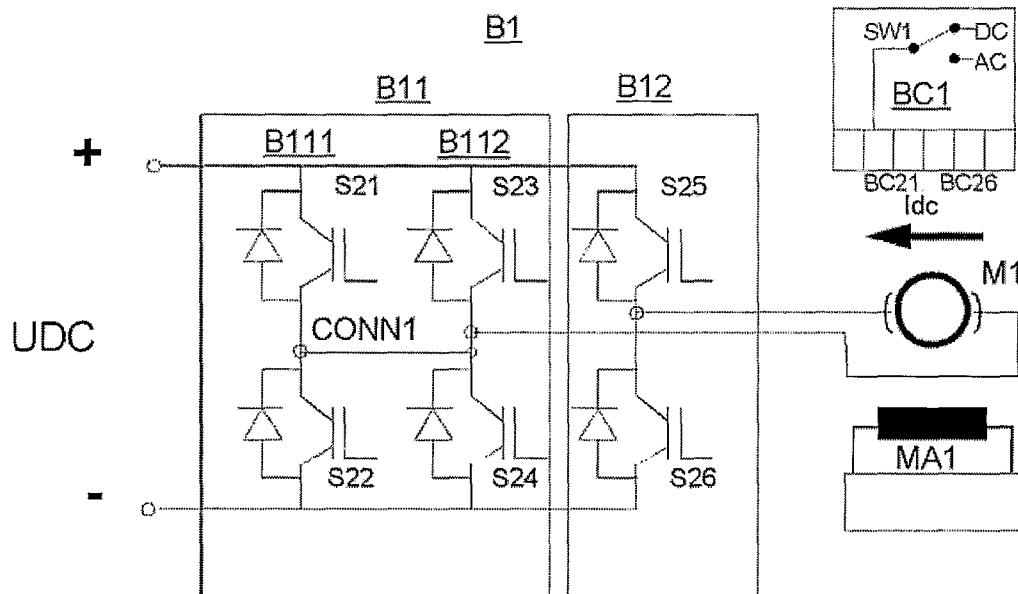
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(54) Title: DC/DC BRIDGE FOR CONTROLLING A DIRECT-CURRENT LOAD



(57) Abstract: A DC/DC bridge for controlling a direct-current load (M1), said bridge being provided with controllable semiconductor switch units (S21-S26) and having two bridge sections (B11, B12), one (B12) of which bridge sections conducts direct current while the other one (B11) is controlled via pulse-width modulation (PWM) to regulate the current magnitude, where the DC/DC bridge (B1) consists of three bridge arms, two (B111, B112) of which arms are connected in parallel, and where the semiconductor switches in the parallel-connected bridge arms are controlled via PWM to form a PWM-controlled bridge section.

WO 2004/070933 A1



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