

Title (en)
CONTROL FOR A HALF-BRIDGE

Title (de)
ANSTEUERUNG FÜR HALBBRÜCKE

Title (fr)
COMMANDE POUR DEMI-PONT

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Abstract (en)
[origin: WO02089308A1] The invention relates to a control for a half-bridge, particularly for actuating the electric motors, which comprises a first electronic switch arranged between a supply and a phase tap and a second electronic switch arranged between the phase tap and the ground. Said control comprises a control circuit which controls both electronic switches of the half-bridge with switching signals and a processor controlling the control circuit with at least one signal output. Said invention seeks to improve said control so that it has a more simple structure. According to the invention, both of the electronic switches of the half-bridge can be controlled via the control circuit by an individual signal output of the processor, so that only three switch signal pairs for the two electronic switches are produced with the control circuit, i.e. first switch on and second switch off, or first switch off and second switch on, or second switch on or the first and second switch off, and the control circuit continuously controls the switches with only one of the three switch signal pairs.

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