

Title (en)

METHOD AND ARRANGEMENT FOR MONITORING A POWER OUTPUT STAGE

Title (de)

VERFAHREN UND ANORDNUNG ZUR ÜBERWACHUNG EINER LEISTUNGSENDSTUFE

Title (fr)

PROCEDE ET ENSEMBLE POUR SURVEILLER UN ETAGE DE PUISSANCE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2004105206A1] The invention relates to a method and arrangement for monitoring a power output stage, whereby the power output stage has at least one half bridge, comprising a series circuit of two semiconductor switches supplied with an operating voltage. The semiconductor switches may be alternately controlled in a conducting state and a non-conducting state, by means of pulse-width modulated pulses and the connection point of the semiconductor switch of the at least one half bridge forms an output. According to the invention, each pulse width of the signals at the output is compared with a relevant set pulse width and the power output stage is recognised as fault-free when deviations do not exceed a given magnitude.

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