

Title (en)  
METHOD AND ELECTRONIC ASSEMBLY FOR DETERMINING A TEMPERATURE OF AT LEAST ONE ELECTRONIC SWITCHING ELEMENT

Title (de)  
VERFAHREN SOWIE ELEKTRONISCHE BAUGRUPPE ZUR BESTIMMUNG EINER TEMPERATUR ZUMINDEST EINES ELEKTRONISCHEN SCHALTELEMENTS

Title (fr)  
PROCÉDÉ ET ENSEMBLE ÉLECTRONIQUE POUR DÉTERMINER LA TEMPÉRATURE D'AU MOINS UN ÉLÉMENT DE COMMUTATION ÉLECTRONIQUE

Publication  
**EP 3607287 A1 20200212 (DE)**

Application  
**EP 18712157 A 20180315**

Priority  
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Abstract (en)  
[origin: WO2018184810A1] A method for determining a temperature of at least one electronic switching element (16) by means of a temperature measuring circuit is described. A first electronic switching element (14) in an electronic module (12) is first of all turned off and a second electronic switching element (16) in the electronic module (12) is turned on. A voltage measuring unit (20) is then coupled to the electronic module (12) and a voltage drop across the second electronic switching element (16) is measured. A current intensity of a current flowing through the second electronic switching element (16) is also determined and the temperature of the second electronic switching element (16) is determined with the inclusion of the measured voltage drop and the determined current intensity. An electronic assembly (10) for determining a temperature of at least one electronic switching element (16) is also described.

IPC 8 full level  
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