

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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G01K 7/01 (2013.01 - EP US); **H03K 17/08122** (2013.01 - US); **G01K 2217/00** (2013.01 - US); **H03K 2017/0806** (2013.01 - US)

Citation (search report)
See references of WO 2018184810A1

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