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ELECTRONIC MEASURING DEVICE AND
COMPRISING A SEAL AND AN
ELECTRICAL ASSEMBLY INCLUDING
SUCH AN ELECTRONIC SYSTEM****Publication Classification**(51) **Int. Cl.**
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CPC H05K 7/14329 (2022.08); H05K 7/1469 (2013.01)(71) Applicant: **VALEO EQUIPEMENTS**
ELECTRIQUES MOTEUR, Creteil
Cedex (FR)(72) Inventors: **Frederic SCHEITEL, Creteil Cedex**
(FR); Charles DUMEZ, Creteil Cedex
(FR); Manuel FALGUIER, Creteil
Cedex (FR); Michael SANCHES,
Creteil Cedex (FR)(73) Assignee: **VALEO EQUIPEMENTS**
ELECTRIQUES MOTEUR, Creteil
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(57) **ABSTRACT**

An electronic system includes a power electronics module for converting a DC current to an AC current. The power electronics module includes a first busbar and a second busbar for supplying the power electronics module with the DC current, a third busbar able to supply a phase winding of a rotating electric machine, and a control pin receiving a control signal for driving the power electronics module. An electronic control module separate from the power electronics module is configured so as to generate the control signal. The electronic control module includes an electronic measuring device, a support including an opening and carrying the electronic control module on a first side of the support, a measurement housing including a cavity, the measurement housing being located on a second side of the support opposite the first side of the support. The electronic measuring device penetrates into the opening in the support and into the cavity in the measurement housing. A sealing means providing a seal between the measurement housing and the support.

