

Title (en)

ELECTRONIC CONTROL UNIT AND METHOD FOR ARRANGING ELECTRONIC COMPONENTS ON A CIRCUIT CARRIER AND FOR ELECTRICALLY CONNECTING SAID ELECTRONIC COMPONENTS TO A CIRCUIT CARRIER

Title (de)

ELEKTRONISCHES STEUERGERÄT UND VERFAHREN ZUR ANORDNUNG UND ELEKTRISCHEN ANBINDUNG ELEKTRONISCHER BAUELEMENTE AUF EINEM SCHALTUNGSTRÄGER

Title (fr)

APPAREIL DE COMMANDE ÉLECTRONIQUE ET PROCÉDÉ DE MONTAGE ET DE CONNEXION ÉLECTRIQUE DE COMPOSANTS ÉLECTRONIQUES SUR UN CIRCUIT IMPRIMÉ

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2015055470A1] The invention relates to an electronic control unit, in particular of a motor vehicle brake system, comprising at least one circuit carrier (5) for electronic components. At least one electronic component (1) has at least one electrical conductor (2). The electronic control unit is further distinguished in that the electrical conductor (2) of the electronic component (1) is connected to at least one contact element (3) mechanically and in an electrically conductive manner and the contact element (3) is connected to at least one contact point (4) of the circuit carrier (5) mechanically and in an electrically conductive manner, at least the mechanical and electrically conductive connection of the electrical conductor (2) to the contact element (3) being a connection established by means of ultrasonic welding. The invention further relates to a method for arranging at least one electronic component on and electrically connecting said at least one electronic component to a circuit carrier of an electronic control unit.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2015055470A1

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