

Title (en)
ELECTRONIC CONTROL UNIT, MOLDING TOOL, AND METHOD FOR PRODUCING AN ELECTRONIC CONTROL UNIT

Title (de)
ELEKTRONISCHE STEUEREINHEIT SOWIE MOLDWERKZEUG UND VERFAHREN ZUM HERSTELLEN EINER ELEKTRONISCHEN STEUEREINHEIT

Title (fr)
UNITÉ DE COMMANDE ÉLECTRONIQUE AINSI QUE MOULE ET PROCÉDÉ DE PRODUCTION D'UNE UNITÉ DE COMMANDE ÉLECTRONIQUE

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Abstract (en)
[origin: WO2016026692A1] The invention relates to an electronic control unit (10), in particular a control device, comprising a circuit carrier (11) which has electronic components (12), a connection region (13) which is formed on the circuit carrier (11) and comprises contact regions (14) for electrically contacting the control unit (10), and a molding compound (21) which forms a casing and which surrounds some regions of the circuit carrier (11). The molding compound (21) surrounds the circuit carrier (11) on the upper and lower face (16, 17) of the circuit carrier and on the lateral surfaces (18 to 20) of the circuit carrier with the exception of at least the region of the connection region (13) contact surfaces (14), in which the connection region (13) is free of the molding compound (21). According to the invention, the circuit carrier (11) has a recess (25, 26) in the direction of the circuit carrier (11) at least in the region of one lateral surface (18, 19), preferably in the region of two opposing lateral surfaces (18, 19) of the connection region (13), and is thus designed in an elastically deformable manner.

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Citation (search report)
See references of WO 2016026692A1

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