

Title (en)  
LOAD CONTROL CIRCUIT IN A MOTOR VEHICLE CONTROL DEVICE

Title (de)  
LASTANSTEUERUNGSSCHALTUNG IN EINEM KRAFTFAHRZEUGSTEUERGERÄT

Title (fr)  
CIRCUIT DE COMMANDE DE CHARGE DANS UN APPAREIL DE COMMANDE DE VÉHICULE AUTOMOBILE

Publication  
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Application  
**EP 09704325 A 20090122**

Priority  

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- DE 102009005265 A 20090120

Abstract (en)  
[origin: WO2009092751A2] Load control circuit comprising one or more current regulators, in particular in an electronic motor vehicle control unit, wherein one or more preferably inductive load(s) is/are connected to a circuit located outside the control unit or inside the control unit, and wherein the load current flowing through the load(s) is or can be reduced by way of one or more step-down converters to a voltage potential below the supply voltage. The invention also relates to a step-down converter comprising a clocked DC/DC converter comprising at least one clocked switch and an energy storage medium, in particular a capacitor, for conversion, wherein the clock control of the switch or switches is modified according to the charge state of the energy storage medium and wherein the charge state is determined according to the voltage present at the energy storage medium.

IPC 8 full level  
**H02M 3/158** (2006.01)

CPC (source: EP US)  
**H02M 3/158** (2013.01 - EP US); **B60L 7/00** (2013.01 - US); **B60L 2210/12** (2013.01 - US); **Y02T 10/72** (2013.01 - US)

Citation (search report)  
See references of WO 2009092751A2

Citation (examination)  

- JP 2001145333 A 20010525 - AUTO NETWORK GIJUTSU KENKYUSHO, et al
- US 5323100 A 19940621 - IKETANI KOHEI [JP]

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DOCDB simple family (publication)  
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