

Title (en)
POWER RELAIS FOR A VEHICLE

Title (de)
LEISTUNGSRELAIS FÜR EIN FAHRZEUG

Title (fr)
RELAIS DE PUISSANCE POUR UN VÉHICULE

Publication
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Application
EP 19154808 A 20150521

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Abstract (en)
[origin: WO2015176818A2] A power relay (1) for a vehicle is disclosed, in particular for a utility vehicle. The power relay (1) comprises a housing (2) formed by a connector base (3) and a housing can (4) set thereon, two connection bolts (10) being inserted into the connector base (3) for contacting a load circuit. The power relay (1) further comprises a coil subassembly (20) arranged in the housing and comprising a solenoid coil (30) and an armature (24). The armature (24) is coupled by a force-transmission member (23) to a contact bridge (22) and can shift in the housing, under the effect of a magnetic field generated by the solenoid coil (30), in such a way that the contact bridge (22) can be reversibly moved between a closing position, in which the contact bridge (22) bridges the connection bolts (10) in an electroconducting manner, and an opening position, in which the contact bridge (22) is not in contact with the connection bolts (10). The housing can (4) is designed as an injection-moulded component made of plastics.

IPC 8 full level
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