

ABSTRACT

ENERGY CONVERSION DEVICE FOR AN
ELECTRICALLY DRIVEN VEHICLE

The invention relates to an energy conversion device for a vehicle, in particular for a rail vehicle, which energy conversion device has, in at least one mode, a unit which operates as a generator unit and has at least one synchronous machine, and which has at least one energy discharge unit which is provided for discharging at least a portion of an electrical energy generated by the generator unit, and has at least one resistor unit. The energy discharge unit has here at least one control unit which is provided to set operating modes from a set of operating modes in which the resistor unit makes available a different resistance value in each case.

FIG. 2