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(54) **Title**: DEVICE AND METHOD FOR DISTRIBUTION OF ELECTRICAL ENERGY

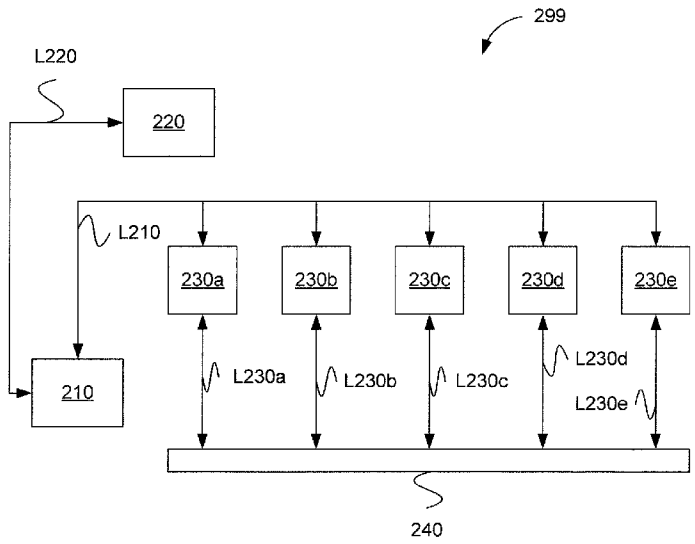

Fig. 2

(57) **Abstract**: The invention relates to a method for distribution of electrical energy in a system comprising power units (230a; 230b; 230c; 230d; 230e) for production and consumption of said electrical energy, comprising a control unit (210; 220) for said distribution. The method comprises the steps of: - automatically identifying (s420) power units (230a; 230b; 230c; 230d; 230e) of the system; and - automatically configuring (s430) said control unit (210; 220) for controlling (s440) of said distribution on the basis of the thus identified power units (230a; 230b; 230c; 230d; 230e) of the system. The invention also relates to a computer program product comprising program code (P) for a computer (210; 220; 500) for implementing a method according to the invention. The invention also relates to a device and a motor vehicle (100) which is equipped with the device.

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