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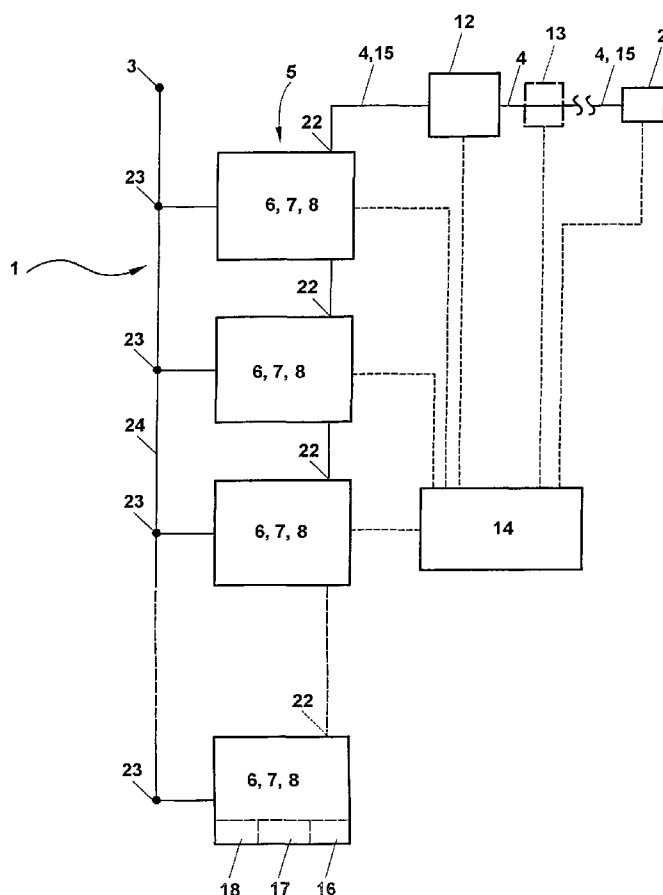
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(54) Title: UNIVERSAL ENERGY SUPPLY SYSTEM



(57) Abstract: A universal energy supply system for at least one electrical consumer comprises at least one AC voltage source and a cable connection connecting the source with the electrical consumer, wherein an AC/DC converting means is assigned to the AC voltage source for converting the AC voltage into DC voltage which DC voltage can be supplied to the electrical consumer via the cable connection. To improve such a universal energy supply system in that with small constructional efforts and with low costs, the energy supply to an electrical consumer is guaranteed also over great distances and the corresponding voltage supply is stabilised, the efficiency being relatively high at the same time and the system being redundant, the AC/DC conversion means comprises a number of AC/DC converting units which are connected in parallel with the AC voltage source on the input side and are serially connected to the electric consumer on the output side, each converting unit being constructed as a blocked switch mode power supply.

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