

Title (en)

DEVICE FOR SUPPLYING POWER IN A MOTOR VEHICLE

Title (de)

VORRICHTUNG ZUR SPANNUNGSVERSORGUNG IN EINEM KRAFTFAHRZEUG

Title (fr)

DISPOSITIF D'ALIMENTATION EN TENSION DANS UNE AUTOMOBILE

Publication

EP 1625647 A1 20060215 (DE)

Application

EP 04726843 A 20040410

Priority

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Abstract (en)

[origin: WO2004102768A1] The invention relates to a device for supplying power for a high-current consumer (12), particularly for an electric auxiliary compressor in a motor vehicle. According to the invention, the electrical auxiliary compressor is supplied with voltage with the aid of two ultracaps (16, 17) and a high-current diode (15). The power supply ensues, via the high-current diode (15), starting from the vehicle electric system battery (11), whereas during the starting phase of the electric auxiliary compressor (12), the ultracaps (16, 17) provide a high electrical output for a short period of time, at a voltage that is twice that of the vehicle electric system voltage.

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IPC 8 full level

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