

Title (en)  
SUPPLY APPARATUS

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Application  
**EP 81900980 A 19810414**

Priority  
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Abstract (en)  
[origin: WO8103103A1] In an apparatus for the supply of a direct current charge comprising, in the circuit for charging a charge inductance (L4), a main transistor (V6) operating as a switch, a protection capacitor (C17) in parallel with the main transistor reduces the losses caused by the switching of the state passing to the locked state, the discharge of the capacitor being delayed by a protection inductance. For remagnetizing said protection inductance, a free rating diode is used of which the short but high return current increases the losses caused by the switching of the locked state to the passing state. In order to eliminate such disadvantage, the protection inductance is arranged outside the charge circuit and its energy is used for additionally charging the charge capacitors (C8, C9) of an additional rectifier (G2).

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