

Title (en)
CLOCKED SWITCHING MODE POWER SUPPLY ELEMENT PROVIDED WITH A COIL

Title (de)
GETAKTETES SCHALTNETZTEIL MIT EINER SPULE

Title (fr)
ELEMENT DE RESEAU DE DISTRIBUTION CADENCE COMPORTANT UNE BOBINE

Publication
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Application
EP 06722571 A 20060309

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Abstract (en)
[origin: WO2006133661A2] The invention relates to a clocked switching mode power supply element comprising at least one coil for producing at least two different output voltages from a voltage source, wherein the inventive power supply element comprises a common coil, a switching unit and respectively a power storage device(4.5, 4.6) for each producible output voltage (V4.5, V4.6,...), the switching unit (7) is connected to the coil (4.1) in such a way that it is at least temporarily time-deferred from one power storage device(4.5, 4.6) in such a way that said power storage devices (4.5, 4.6) are charged with the differently defined output voltages (V4.5, V4.6). The energy storage device is preferably permanently connected to the coil or is provided with a reference point capacitor which is permanently connected to said coil and a switch control unit synchronised with reversing switch points.

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