

Title (en)
CONVERTER

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EP 0116302 A3 19860212 (DE)

Application
EP 84100334 A 19840113

Priority
DE 3301632 A 19830119

Abstract (en)
[origin: US4562527A] An autoconverter comprises a step-up regulating unit and following inverter so that a charging switch of the step-up regulating unit is synchronously controlled as a function of the voltage at one of the switches of the inverter. With the invention, a particularly simple synchronous control of the charging switch designed as a MOS power transistor is provided.

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IPC 8 full level
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CPC (source: EP US)
H05B 41/28 (2013.01 - EP US); **H05B 41/2985** (2013.01 - EP US); **Y10S 315/07** (2013.01 - EP US)

Citation (search report)

- [A] WO 8103102 A1 19811029 - SIEMENS AG [DE], et al
- [A] DE 1803486 A1 19700521 - SIEMENS AG
- [AP] WO 8300587 A1 19830217 - SIEMENS AG [DE]

Cited by
DE19619745A1; EP0553923A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0116302 A2 19840822; **EP 0116302 A3 19860212**; **EP 0116302 B1 19880727**; AT E36108 T1 19880815; BR 8400197 A 19840821; DE 3301632 A1 19840726; DE 3473111 D1 19880901; FI 79634 B 19890929; FI 79634 C 19900110; FI 840190 A0 19840118; FI 840190 A 19840720; JP S59139875 A 19840810; US 4562527 A 19851231; ZA 84369 B 19840829

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