

U.S. PATENTS ISSUED

1. *US 9,071,150: Variable Frequency Iteration MPPT for Resonant Power Converters*; Issued June 30, 2015.
2. *US 8,577,664: Symbolic switch/linear circuit simulator systems and methods*; Issued: Nov 5, 2013.
3. *US 8,552,286: Method of Adapting Solar Tracking Using Variable Step Size*; Issued: October 8, 2013.
4. *US 8,352,876: Interactive electronic book operating systems and methods*; Issued: January 8, 2013.
5. *US 8338695: Iterative adaptive solar tracking having variable step size*, Issued; December 25, 2012.
6. *US8,219,374: Symbolic Switch/Linear Circuit simulator (SymCir) Systems and Methods*; Issued: July 10, 2012.
7. *US 7,583,128: Combination of Linear and Adaptive Non-Linear Control for Fast Transient Response*, Issued: September 1, 2009.
8. *US 7,471,524: Isolated DC-DC Converters with High Current Capability*, Issued: December 30, 2008.
9. *US 7,388,761: High Efficiency Parallel Post Regulator for Wide Range Input DC/DC Converter*, Issued: June 17, 2008.
10. *US 7,251,113: Active Transient Voltage Compensator for Improving Converter Fast Transient Response*, Issued: July 31, 2007.
11. *US 7,196,916: Alternated duty cycle control method for half-bridge DC-DC*, Issued: Mar 27, 2007.
12. *US 7,149,096, Power converter with interleaved topology*, Issued: December 12, 2006.
13. *US 6,982,887: DC-DC Converter with Coupled-Inductors Current-Doubler*; Issued: January 3, 2006
14. *US 6,970,364: Low Cost AC/DC Converter with Power Factor Correction*; Issued: November 29, 2005
15. *US 6,906,931: Zero-Voltage-Switching Half-Bridge DC-DC Converter Topology by Utilizing the Transformer Leakage Inductance Trapped Energy*; Issued: June 14, 2005
16. *US 6,836,414: PWM Half Bridge Converter with Dual-Equally Adjustable Control Signal Dead-Time*; Issued: Dec. 28, 2004.
17. *US 6,819,575: AC/DC Switch Mode Power Supply with Power Factor Correction using Direct Energy Transfer Concept*; Issued: Nov. 16, 2004.
18. *US 6,636,430: Energy Transfer Concept in AC/DC Switch Mode Power Supply with Power Factor Correction*; Issued: October 21, 2003.
19. *US 6,628,106: Control Method and Circuit to Provide Voltage and Current Regulation For Multiphase Dc-Dc Converters*; Issued: September 30, 2003.
20. *US 6,594,158: AC/DC Converters with Power Factor Correction Circuits (PFC)*; Issued: July 15, 2003.
21. *US 6,273,248: Coin Disks*; Issued: Aug. 14, 2001.
22. *US 6,081,410: Coin Disks*; Issued: June 27, 2000.
23. *US 5,959,849: Single-Switch DC Power Supply with Power Factor Correction*; Issued: Sept. 28, 1999.
24. *US 5,636,106: Variable Frequency Controlled Zero-Voltage-Switching Single-Ended Current-Fed DC-to-AC Converter with Output Isolation*; Issued: June 3, 1997.
25. *US 5,434,767: Power Converter Processing Zero-Voltage Switching and Output Isolation*; Issued: July 18, 1995.

INTERNATIONAL PATENTS ISSUED

26. *WO/2006/009576): DYNAMIC OPTIMIZATION OF EFFICIENCY USING DEAD TIME AND FET DRIVE CONTROL*; Issued: January 26, 2006.