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Intelligente Stromanalyse für Resonanzwandler

Analyse de courant intelligente pour convertisseurs résonnants

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(56) References cited:
EP-A1- 1 634 366 US-A- 4 301 404

- **FOTOPOULOU K ET AL: "Wireless Powering of Implanted Sensors using RF Inductive Coupling", SENSORS, 2006. 5TH IEEE CONFERENCE ON, IEEE, PI, 22 October 2006 (2006-10-22), pages 765-768, XP032024814, DOI: 10.1109/ICSENS.2007.355581 ISBN: 978-1-4244-0375-2**
- **PHADKE A G ET AL: "A New Measurement Technique for Tracking Voltage Phasors, Local System Frequency, and Rate of Change of Frequency", IEEE TRANSACTIONS ON POWER APPARATUS AND SYSTEMS, IEEE INC. NEW YORK, US, vol. PAS-100, no. 5, 1 May 1983 (1983-05-01), pages 1025-1038, XP011170046, ISSN: 0018-9510**
- **MORADEWICZ A ET AL: "Novel FPGA Based Control of Series Resonant Converter for Contactless Power Supply", EUROCON, 2007. THE INTERNATIONAL CONFERENCE ON COMPUTER AS A TOOL, IEEE, PI, 9 September 2007 (2007-09-09), pages 1328-1335, XP031222982, ISBN: 978-1-4244-0812-2**

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