Title (en)

POWER DEVICE

Title (de)

LEISTUNGSGERÄT

Title (fr)

DISPOSITIF DE PUISSANCE

Publication

EP 2885864 A2 20150624 (EN)

Application

EP 13753477 A 20130816

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- AU 2012216284 A 20120817
- US 201213588262 A 20120817
- US 201361762785 P 20130208
- US 201361762723 P 20130208
- US 201361762762 P 20130208
- US 201313843401 A 20130315
- US 201313841944 A 20130315
- US 201361809080 P 20130405
- US 201361809732 P 20130408
- US 201361835438 P 20130614
- US 201361841079 P 20130628
- US 201361844784 P 20130710
- US 201361847473 P 20130717
- US 201361857373 P 20130723
- US 201361859445 P 20130729
- US 2013055402 W 20130816

Abstract (en)

[origin: WO2014028866A2] An energy efficient apparatus includes a switching device, a frequency dependent reactive device, and a control element is provided. The switching device is coupled to a source of electrical power and includes a pair of transistors and is adapted to receive a control signal and to produce an alternating current power signal. The frequency of the alternating current power signal is responsive to the control signal. The frequency dependent reactive device is electrically coupled to the pair of transistors for receiving the alternating current power signal and producing an output power signal. The frequency dependent reactive device is chosen to achieve a desired voltage of the output power signal relative to the frequency of the alternating current power signal. The control element senses an actual voltage of the direct current power signal and modifies the control signal delivered to achieve the desired voltage of the direct current power signal.

IPC 8 full level

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CPC (source: EP KR US)

H01R 13/6675 (2013.01 - EP KR US); **H01R 31/065** (2013.01 - EP KR US); **H02J 5/00** (2013.01 - US); **H02M 1/08** (2013.01 - KR); **H02M 1/10** (2013.01 - EP); **H02M 3/07** (2013.01 - EP KR US); **H02M 3/33507** (2013.01 - US); **H02M 3/33592** (2013.01 - EP KR US); **H02M 3/3376** (2013.01 - EP KR US); **H02M 7/217** (2013.01 - US); H02M 1/0019 (2021.05 - US); H02M 1/08 (2013.01 - EP US); H02M 7/05 (2021.05 - EP); Y02B 70/10 (2013.01 - EP KR US)

Citation (search report)

See references of WO 2014028866A2

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Designated extension state (EPC)

BA ME

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