

Title (en)

Circuit and method for recirculating a current

Title (de)

Schaltung und Verfahren zur Rückführung von Strom

Title (fr)

Circuit et procédé pour recycler un courant

Publication

EP 2876655 A1 20150527 (EN)

Application

EP 13193637 A 20131120

Priority

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Abstract (en)

The present invention relates to a circuit for passing AC or DC power from a power source to a connected load, the circuit comprising a main switch for connecting/disconnecting the load to/from the power source, a first current path for recirculating a current in a first direction when the load is disconnected from the power source, and a second current path for recirculating a current in a second direction when the load is disconnected from the power source. The present invention further relates to an associated method for recirculating a current.

IPC 8 full level

H01F 7/18 (2006.01); **H02H 9/04** (2006.01)

CPC (source: EP)

H01F 7/1811 (2013.01); **H01F 2007/1888** (2013.01)

Citation (applicant)

- US 6670792 B1 20031230 - RENEHAN JOHN F [US]
- WO 2012021072 A1 20120216 - AUCKLAND UNISERVICES LTD [NZ], et al

Citation (search report)

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- [X] US 2011157942 A1 20110630 - BABCOCK PAUL M [US], et al
- [A] US 6188203 B1 20010213 - RICE KEVIN E [US], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

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