

Title (en)

ACTIVE DAMPING CIRCUIT FOR ELECTRIC CHOPPER CIRCUIT

Title (de)

AKTIVE DÄMPFUNGSSCHALTUNG FÜR EINE ELEKTRISCHE CHOPPER-SCHALTUNG

Title (fr)

CIRCUIT D'AMORTISSEMENT ACTIF POUR UN CIRCUIT ELECTRIQUE DE DECOUPAGE

Publication

**EP 2308161 A1 20110413 (FR)**

Application

**EP 09772662 A 20090630**

Priority

- FR 2009000804 W 20090630
- FR 0803789 A 20080703

Abstract (en)

[origin: WO201000979A1] The invention relates to a damping circuit for a chopper circuit that comprises at least one chopper transistor (3, y) having terminals connected to a first line (1) and to a second line (2), the first line (1) being at a power potential and the second line (2) being grounded, wherein the damping circuit includes a capacitive member (7) and a charge diode (6) of the capacitive member (7) connected together in series and mounted in parallel relative to the chopper transistor (3, 4), the damping circuit including an inductive member (8) having a first end connected to a connection point located between the charge diode (6) and the capacitive member (7), and a second end connected to one of the lines (1, 2).

IPC 8 full level

**H02M 1/34** (2007.01)

CPC (source: EP US)

**H02M 1/34** (2013.01 - EP US); **H03K 17/08148** (2013.01 - EP US); **H02M 1/342** (2021.05 - EP US); **Y02B 70/10** (2013.01 - EP US)

Citation (search report)

See references of WO 201000979A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

**WO 201000979 A1 20100107**; BR PI0914705 A2 20151020; CA 2729177 A1 20100107; CA 2729177 C 20150616; CN 102084580 A 20110601; CN 102084580 B 20140423; EP 2308161 A1 20110413; FR 2933545 A1 20100108; FR 2933545 B1 20110805; RU 2011103737 A 20120910; RU 2467458 C2 20121120; US 2011109282 A1 20110512; US 8604860 B2 20131210

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