Title (en)

ALTERNATOR WITH VOLTAGE REGULATION

Title (de)

WECHSELSTROMGENERATOR MIT SPANNUNGSREGELUNG

Title (fr)

ALTERNATEUR A RÉGULATION DE TENSION

Publication

**EP 2721728 A2 20140423 (FR)**

Application

**EP 12738607 A 20120612**

Priority

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• IB 2012052969 W 20120612

Abstract (en)

[origin: WO2012172486A2] The present invention relates to an alternator (1) to be electrically connected to a load, the alternator comprising: - a rotor comprising: - a rotary field (4), - an excitation winding (2a), - a dissipative component (20), and - a switchover system (11) allowing the rotary field (4) to be connected selectively to the excitation winding (2a) or to the dissipative component (20), and - a controller (13) controlling the switchover system (11) so as to regulate the current in the rotary field (4) and, in response to a reduction in the load (8) applied to the alternator (1), connects the dissipative component (20) to the rotary field (4) to dissipate the inductive energy that has built up in the rotary field.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2012172486A2

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