

Title (en)  
VARIABLE SPEED DEVICE

Title (de)  
VORRICHTUNG MIT VARIABLER GESCHWINDIGKEIT

Title (fr)  
ENSEMBLE FONCTIONNANT À RÉGIME VARIABLE

Publication  
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Application  
**EP 12706701 A 20120216**

Priority  
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• IB 2012050717 W 20120216

Abstract (en)  
[origin: CN102647139A] The present invention provides a synchronous alternator comprising a coil wound rotor and an ASSEMBLY OPERATING a converter VARIABLE REGIME especially with a variable speed, power or power factor, comprising: a synchronous alternator (10) comprising a rotor coil (15) supplied with DC current via a voltage (Vf), especially by means of a dynamo (11) or direct generation via rings and collectors, and delivering an output voltage (US); and a converter (20) comprising a rectifier (21) for rectifying the voltage (US) of the alternator, the rectifier possibly being a pulse-width modulation rectifier or a diode-comprising rectifier and optionally followed by a DC/DC converter, the supply voltage (Vf) of the rotor coil being controlled by the output voltage (US) of the alternator.

IPC 8 full level  
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CPC (source: EP KR US)  
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