

Title (en)
THREE-PHASE GENERATOR WITH INCREASED OUTPUT

Title (de)
DREHSTROMGENERATOR MIT ERHÖHTER AUSGANGSLEISTUNG

Title (fr)
ALTERNATEUR TRIPHASE AYANT UNE PUISSANCE DE SORTIE ACCRUE

Publication
EP 1436890 A1 20040714 (DE)

Application
EP 02776792 A 20021008

Priority

- DE 0203795 W 20021008
- DE 10150373 A 20011011

Abstract (en)
[origin: DE10150373A1] A three-phase current generator has stator windings (WS) linked to a rectifier array (G), an exciter winding (WE), a generator regulator (R) and an additional circuit (ZS1) to lead to an increase in voltage. The additional circuit is made up exclusively from diodes and capacitors. It has one, two or three signal branches, each of which has two diodes connected in series. The connection point between the two diodes links via a capacitor to one of the stator windings.

IPC 1-7
H02P 9/30

IPC 8 full level
H02M 7/10 (2006.01); **H02P 9/30** (2006.01)

CPC (source: EP KR US)
H02P 9/30 (2013.01 - KR); **H02P 9/307** (2013.01 - EP US)

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